CORRECTION(S) TO WATER WELL RECORD (WWC-5)
(to rectify lacking or incorrect information)

County: Riley

Location listed as:	**Location changed to:**
Section-Township-Range: None Given	14-11S-6E
Fraction (¼ ¼ ¼):	NW SW SW NE

Other changes: Initial statements: Geary County

Changed to: Riley County

Comments: Section-township-range determined by projecting regular Kansas survey system over Fort Riley.

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

initials: DRL date: 4/7/2011

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: GEARY | Fraction: NO LEGAL ¼ ON FORT RILEY ¼ | Section Number | Township No. T | S | Range Number R | ☐E ☐W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
Building 1460 FORT RILEY

Global Positioning System (GPS) information:
Latitude: 39.09582 (in decimal degrees)
Longitude: 96.73375 (in decimal degrees)
Elevation: _____
Datum: ☒ WGS 84, ☐ NAD 83, ☐ NAD 27
Collection Method:
☒ GPS unit (Make/Model: GARMIN ETREX)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: LATTER, SUMMERS & ASSOC.
RR#, Street Address, Box #: 3639 SW SUMMERFIELD DR, SUITE A
City, State, ZIP Code: TOPEKA, KS 66614-3974

3 LOCATE WELL WITH AN "X" IN SECTION BOX: NO LEGAL ON FORT RILEY

	NW	NE
W	SW	SE

E, S

|----------1 mile----------|

4 DEPTH OF COMPLETED WELL 400 ft.
Depth(s) Groundwater Encountered (1) 40 ft. (2) — ft. (3) — ft.
WELL'S STATIC WATER LEVEL Artesian ft. below land surface measured on mo/day/yr. 3/10/2011
Pump test data: Well water was — ft. after — hours pumping — gpm
EST. YIELD — gpm. Well water was — ft. after — hours pumping — gpm
Bore Hole Diameter 6 in. to 400 ft., and — in. to — ft.
WELL WATER TO BE USED AS: ☐ Public water supply ☒ Geothermal ☐ Injection well
☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below)
☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ Monitoring well
Was a chemical/bacteriological sample submitted to Department? ☐ Yes ☒ No
If yes, mo/day/yr sample was submitted
Water well disinfected? ☐ Yes ☒ No

5 TYPE OF CASING USED: ☐ Steel ☐ PVC ☒ Other HDPE
CASING JOINTS: ☐ Glued ☐ Clamped ☒ Welded ☐ Threaded
Casing diameter 1¼ in. to 400 ft., Diameter — in. to — ft., Diameter — in. to — ft.
Casing height above land surface 0 in., Weight — lbs./ft., Wall thickness or gauge No. SDR11

TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☐ PVC ☐ Other (Specify)
☐ Brass ☐ Galvanized Steel ☐ None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
☐ Continuous slot ☐ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole)
☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ 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: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other
Grout Intervals: From 0 ft. to 400 ft., From — ft. to — ft., From — ft. to — ft.
What is the nearest source of possible contamination: THERMALLY ENHANCED
☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☒ Other (specify below)
☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well OPRN SPTR
☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well
Direction from well _____ Distance from well _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	25	SANDY CLAY			
25	40	CLAY			
40	90	SAND			
90	100	LIMESTONE			
100	110	SHALE			
110	120	LIMESTONE			
120	140	SHALE			
140	400	ALTERNATING LAYERS OF LIMESTONE AND SHALE			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This ~~water~~ geothermal well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 3/10/2011 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760. This Water Well Record was completed on (mo/day/year) 3-30-2011 under the business name of ASSOCIATED DRILLING INC. by (signature) _____

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* 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.

KSA 82a-1212