

County: Leavenworth Fraction SW SE NW NE Sec. 14 T 8 S R 22 (E)W

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

(to rectify lacking or incorrect information)

Owner: US Army Corps of Engineers

Location was listed as:

Section-Township-Range: 8 S-22 E

Fraction (1/4 1/4 1/4): None Given

Location changed to:

14-8S-22E

SW SE NW NE

Other changes: Initial statements: _____

Changed to: _____

Comments: Section, township, range, and quarters determined by projecting regular Kansas PLSS over Fort Leavenworth.

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

initials: DRL date: 7/19/2013

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

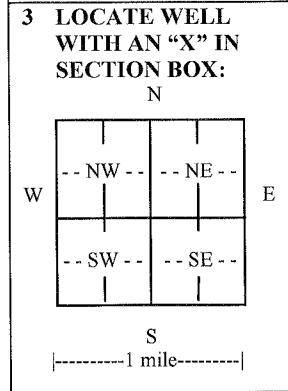
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Leavenworth</u>	Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	Section Number	Township No. T <u>8</u> S	Range Number R <u>22</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
Fort Leavenworth, KS. Approx 350 SW. of intersection of McPherson Ave. and Warehouse Rd

Global Positioning System (GPS) information:
 Latitude: .39,35805319..... (in decimal degrees)
 Longitude: 94.92455720..... (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model: Trimble GeoXH)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: US Army Corps of Engineers
 RR#, Street Address, Box #: 601 East 12th Street
 City, State, ZIP Code : Kansas City, Missouri, 64106



4 DEPTH OF COMPLETED WELL 40.9..... ft.
 Depth(s) Groundwater Encountered (1) NA..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL NA..... 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
 Bore Hole Diameter 6.....in. to 42.....ft., andin. toft.
 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
 CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 2..... in. to 30.9..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 0.0..... in., Weightlbs./ft., Wall thickness or gauge No. sch 40.....
 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 30.9..... ft. to 41.1..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 29.9..... ft. to 42..... 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 0.0..... ft. to 27.2..... ft., From 27.2..... ft. to 29.9..... ft., From ft. toft.
 What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well
 Direction from well East..... Distance from well 10ft.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1.2	asphalt/concrete			
1.2	2	gravel base			
2	8	fill; lean clay; brown			
8	32	lean clay; brown			
32	39.5	sandy lean clay; brown			
39.5	41.5	fat clay; yellow orange			
41.5	42	bedrock; weathered shale; gr brwn			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 3/20/2013..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/year) 6/12/2013..... under the business name of United States Army Corps of Engineers..... by (signature) [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 785-296-5524. 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>.