

County: Leavenworth Fraction NE SE NW NE Sec. 12 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:

12-8 S-22 E

NE 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: DR 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: Leavenworth	Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	Section Number	Township No. T 8 S	Range Number R 22 <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"/> Fort Leavenworth, Kansas. Approximately 2,500 east of Sherman Army Airfield		Global Positioning System (GPS) information: Latitude: 39.37357853 (in decimal degrees) Longitude: 94.90434988 (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: Trimble GeoXH) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input checked="" type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: RR#, Street Address, Box #: US Army Corps of Engineers 601 East 12th Street City, State, ZIP Code : Kansas City, Missouri, 64106				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: <div style="text-align: center;"> </div>	4 DEPTH OF COMPLETED WELL 43 ft. Depth(s) Groundwater Encountered (1). 26 ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... NAft. 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 6in. to 43.0ft., andin. toft. 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 type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter **2**..... in. to **32.75**..... 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...**32.75**..... ft. to **42.75**..... ft., From ft. to ft.
 From..... ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From...**30.8**..... ft. to **43**..... 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**..... ft., From **27**..... ft. to **30.8**..... 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 **west**..... Distance from well **2500 ft.**.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	6	Fill; lean clay with gravel; dk brn			
6	10	Gravelly lean clay; brown			
10	16	gravel with lean clay; brown			
16	18	lean clay; gray			
18	31.5	silt; brown			
31.5	32	fat clay; gray			
32	35	clayey silt; gray			
35	43	poorly graded sand; gray			

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) **4/1/2013**..... 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 666 12-1367. 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>.