

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

County: Leavenworth

Location listed as:

Location changed to:

Section-Township-Range: 7-12 S-16 E

13-8 S-22 E

Fraction (  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$  ): SE NE SW

NE NW SW NW

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: Section, township, & range determined by projecting  
regular Kansas Public Land Survey System over Fort Leavenworth.

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

initials: DRL date: 2/14/2012

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.

39. 3568064  
-94. 9165073

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.

1 LOCATION OF WATER WELL: County: <u>Leavenworth</u>		Fraction: <u>SE 1/4 NE 1/4 SW 1/4</u>	Section Number: <u>7</u>	Township Number: <u>T 12 S</u>	Range Number: <u>R 16 E/W</u>																																																						
Distance and direction from nearest town or city street address of well if located within city? <u>ON Fort Leavenworth Military base</u>																																																											
2 WATER WELL OWNER: RR#, St. Address, Box #: <u>753 Scott Avenue</u> City, State, ZIP Code: <u>Leavenworth, KS 66027</u> Board of Agriculture, Division of Water Resources Application Number: _____																																																											
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>32.5</u> ft. ELEVATION: _____																																																									
<div style="text-align: center;">N +-----+               -NW- -NE-               W +-----+ E               -SW- -SE-               +-----+ S</div>		Depth(s) Groundwater Encountered 1 <u>N/A</u> ft. 2 _____ ft. 3 _____ ft. WELL'S STATIC WATER LEVEL <u>N/A</u> 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 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 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 _____ <u>Ground Source Heat Pump Wells - 1" polyethylene pipe</u>																																																									
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ 7 Fiberglass _____ Threaded _____ Blank casing diameter _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____																																																											
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify) _____ 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Guazed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 10 Other (specify) _____ ft. 7 Torch cut																																																											
SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft. <u>Full Length Thermal Grout</u>																																																											
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____ Grout Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage _____ Direction from well? _____ How many feet? _____																																																											
<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>PLUGGING INTERVALS</th></tr></thead><tbody><tr><td>0</td><td>10</td><td>over burden</td><td>290</td><td>304</td><td>limestone</td></tr><tr><td>10</td><td>20</td><td>limestone</td><td>304</td><td>325</td><td>shale</td></tr><tr><td>20</td><td>170</td><td>shale</td><td></td><td></td><td></td></tr><tr><td>170</td><td>180</td><td>limestone</td><td></td><td></td><td>60 holes 325' deep</td></tr><tr><td>180</td><td>240</td><td>shale</td><td></td><td></td><td>1" p.p.e. downhole</td></tr><tr><td>240</td><td>245</td><td>limestone</td><td></td><td></td><td>full length thermal grout</td></tr><tr><td>245</td><td>290</td><td>shale</td><td></td><td></td><td>18 gal. water - 50 lb. Baktite 250 lb sand</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>14 mixes per hole</td></tr></tbody></table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	10	over burden	290	304	limestone	10	20	limestone	304	325	shale	20	170	shale				170	180	limestone			60 holes 325' deep	180	240	shale			1" p.p.e. downhole	240	245	limestone			full length thermal grout	245	290	shale			18 gal. water - 50 lb. Baktite 250 lb sand						14 mixes per hole
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>Nov 15 - 2011</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. <u>737</u> This Water Well Record was completed on (mo/day/yr) <u>12-30-11</u> under the business name of <u>Finch Drilling Const.</u> by (signature) <u>[Signature]</u>																																																											

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WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <i>Leavenworth</i>	<i>SE 1/4 NE 1/4 SW 1/4</i>	<i>7</i>	T <i>8</i> S	R <i>22</i> E/W

Distance and direction from nearest town or city street address of well if located within city?

*On Fort Leavenworth Military Base*

2 WATER WELL OWNER:

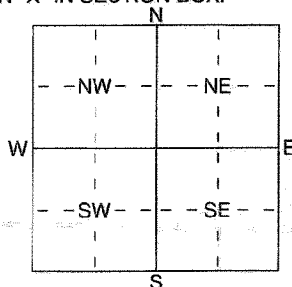
RR#, St. Address, Box #: *753 Scott Avenue*  
City, State, ZIP Code: *Leavenworth, KS 66047*

Board of Agriculture, Division of Water Resources  
Application Number:

3 LOCATE WELL'S LOCATION WITH

4 DEPTH OF COMPLETED WELL

AN "X" IN SECTION BOX:



ft. ELEVATION: ..... ft.  
Depth(s) Groundwater Encountered 1 ..... ft. 2 ..... ft. 3 ..... ft.  
WELL'S STATIC WATER LEVEL ..... 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  
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 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

*Grand Source Heat Pump Wells - 1" polyethylene pipe*

5 TYPE OF BLANK CASING USED:

- 1 Steel 3 RMP (SR)  
2 PVC 4 ABS

- 5 Wrought iron 8 Concrete tile  
6 Asbestos-Cement 9 Other (specify below)  
7 Fiberglass

CASING JOINTS: Glued ..... Clamped .....  
Welded .....  
Threaded .....

Blank casing diameter ..... in. to ..... ft. Dia ..... in. to ..... ft. Dia ..... in. to ..... ft.

Casing height above land surface ..... in., weight ..... lbs./ft. Wall thickness or gauge No. ....

TYPE OF SCREEN OR PERFORATION MATERIAL:

- 1 Steel 3 Stainless Steel  
2 Brass 4 Galvanized Steel

- 5 Fiberglass 8 RMP (SR)  
6 Concrete tile 9 ABS

- 10 Asbestos-Cement 11 Other (Specify) .....  
12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

- 1 Continuous slot 3 Mill slot  
2 Louvered shutter 4 Key punched

- 5 Guazed wrapped 8 Saw cut 11 None (open hole)  
6 Wire wrapped 9 Drilled holes  
7 Torch cut 10 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.

*Full Length Thermal Grout*

6 GROUT MATERIAL:

1 Neat cement

2 Cement grout

3 Bentonite

4 Other

Grout Intervals: From ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:

- 1 Septic tank 4 Lateral lines  
2 Sewer lines 5 Cess pool  
3 Watertight sewer lines 6 Seepage pit

- 7 Pit privy  
8 Sewage lagoon  
9 Feedyard

- 10 Livestock pens 14 Abandoned water well  
11 Fuel storage 15 Oil well/Gas well  
12 Fertilizer storage 16 Other (specify below)  
13 Insecticide storage

Direction from well?

How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	10	over burden	290	304	limestone
10	20	limestone	304	325	shale
20	170	shale			
170	180	limestone			60 holes 325' deep
180	210	shale			1" p.p.e. down hole
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245	290	shale			18 gal. water - 50 lb. Brine & 50 lb. sand
					14 m. ves. per hole

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INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies 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 to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.