

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

County: Leavenworth

Location listed as:

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

Fraction (1/4 1/4 1/4): SE NE SW

Location changed to:

13-8S-22E

NE NW SW NW

Other changes: Initial statements: _____

Changed to: _____

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

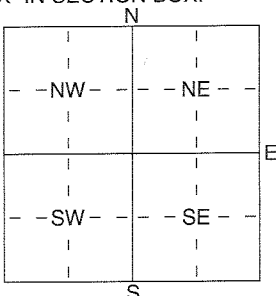
verification method: Latitude & longitude of final geothermal heat pump wells, and mapping tool on KGS website.

initials: DRP date: 3/22/2012

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.

1 LOCATION OF WATER WELL: Fraction ~~SW~~ ^{SE} $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section Number 7 Township Number T 12 S Range Number R 16 E/W
 County: Leavenworth
 Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: BA-244 Fort Leavenworth Ks.
 RR#, St. Address, Box #: 415 Custer Avenue Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Fort Leavenworth, KS 66027 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL ft. ELEVATION:
 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
test well for thermal conductivity test

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter *no casing* in. to ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface in., weight lbs./ft. Wall thickness or guage No.
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-Cement
 1 Steel 3 Stainless Steel 5 Fiberglass 8 RMP (SR) 11 Other (Specify)
 2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Guazed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) ft.
 SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: *full length Thermal grout* 1 Neat cement 2 Cement grout Bentonite 4 Other
 Grout intervals: From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination: *200 lb. siliceous per bag* 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	top soil			<i>1" polyethylene pipe was installed grouted full length with thermal grout 200 lb sand mix</i>
1	25	wind blown silt			
25	70	Blue clay			
70	95	limestone			
95	160	shale			
160	180	limestone			
180	210	shale			
210	215	limestone			
215	245	shale			
245	251	limestone			
251	275	shale			
275	285	limestone			
285	300	shale			

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) *6-15-11* and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No *737* This Water Well Record was completed on (mo/day/yr) *7-4-11* under the business name of *Finch Drilling Corp* by (signature) *[Signature]*