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

County: Clay

Location listed as:	**Location changed to:**
Section-Township-Range: 20-7S-1E	20-7S-1E
Fraction (¼ ¼ ¼): NW NE SE	NE NW NE SE

Other changes: Initial statements: Saline County

Changed to: Clay County

Comments:

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

initials: DRL date: 7/12/2011

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. _____

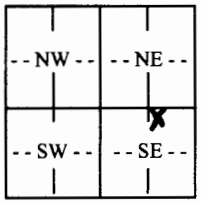
1 LOCATION OF WATER WELL: County: Saline | Fraction: ¼ NW ¼ NE ¼ SE ¼ | Section Number: 20 | Township No. T 7 S | Range Number R 1 ☒E ☐W

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

Global Positioning System (GPS) information:
Latitude: 39.42920 (in decimal degrees)
Longitude: 97.33470 (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: TOM PESTINGER
RR#, Street Address, Box #: 5113 North St
City, State, ZIP Code : Salina, KS 67401

3 LOCATE WELL WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 93 ft.
Depth(s) Groundwater Encountered (1) ~~100~~ 55 ft. (2) 76 ft. (3) ..... ft.
WELL'S STATIC WATER LEVEL 30 ft. below land surface measured on mo/day/yr. 4/28/2014
Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm
EST. YIELD 100 gpm. Well water was ..... ft. after ..... hours pumping ..... gpm
Bore Hole Diameter 6 in. to 93 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 3/4 in. to 93 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface ..... 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 5 ft. to 93 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
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 HOUSE
☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well
Direction from well NORTH Distance from well 27

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	TOPSOIL			
2	45	CLAY			12 HOLES
45	50	LIMESTONE, WEATHERED			
50	93	SHALE			4 to 93
					4 to 90
					4 to 87
		SALT WATER @ 115			

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) 4/28/2014 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) 5-25-2014 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