

County: Ellis Fraction NW NW SE SE Sec. 20 T 13 S R 18 E (W)

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

Owner: Keith Pfannenstiel

Location was listed as:

Location changed to:

Section-Township-Range: None Given

20-135-18 W

Fraction (1/4 1/4 1/4): _____

NW NW SE SE

Other changes: Initial statements: Latitude: W 099.33972

Longitude: N 38.90277

Changed to: Latitude: 38.90277° N

Longitude: -99.33972° W.

Comments: _____

Verification method: Latitude & Longitude, KGS' "LEO" conversion tool, wellsite address & city street map, and mapping tool & aerial photos on KGS website.

initials: DRJ date: 9/20/2013

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: ELLIS	Fraction 1/4 1/4 1/4 1/4	Section Number	Township No. T S R	Range Number <input 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 checked="" type="checkbox"/> .		Global Positioning System (GPS) information: Latitude: <u>W099.33972</u> (in decimal degrees) Longitude: <u>N38.90277</u> (in decimal degrees) Elevation: <u>2051 FT</u> Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: KEITH PFANNENSTIEL RR#, Street Address, Box #: 4404 VISTA DR. City, State, ZIP Code : HAYS, KS 67601				

<p>3 LOCATE WELL WITH AN "X" IN SECTION BOX: N</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 10%; border: 1px solid black;"> </td> <td style="width: 5%;"></td> </tr> <tr> <td></td> <td>-- NW --</td> <td></td> <td>-- NE --</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="width: 5%; text-align: center;">W</td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td style="width: 5%; text-align: center;">E</td> </tr> <tr> <td></td> <td>-- SW --</td> <td></td> <td>-- SE --</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td style="border: 1px solid black;"> </td> <td></td> </tr> <tr> <td></td> <td colspan="5" style="text-align: center;">S</td> <td></td> </tr> <tr> <td></td> <td colspan="5" style="text-align: center;"> -----1 mile----- </td> <td></td> </tr> </table>									-- NW --		-- NE --				W						E		-- SW --		-- SE --												S							-----1 mile-----						<p>4 DEPTH OF COMPLETED WELL <u>65</u>..... ft. Depth(s) Groundwater Encountered (1) <u>50</u>..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL <u>36</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 Bore Hole Diameter <u>10 1/4</u>..... in. to ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input checked="" 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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
	-- NW --		-- NE --																																															
W						E																																												
	-- SW --		-- SE --																																															
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	-----1 mile-----																																																	

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter 5..... in. to 47..... ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 24..... in., Weight lbs./ft., Wall thickness or gauge No.

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 45..... ft. to 65..... ft., From ft. to ft.
From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 10..... ft. to 65..... 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..... ft. to 10..... 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
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well

Direction from well WEST..... Distance from well 50 FT......

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	20	HEAVY SAND			
20	30	HEAVY SAND/LIMESTONE			
30	40	LIGHT SAND/LIMESTONE/TRACE CLAY			
40	60	LIMESTONE/TRACE CLAY			
60	70	LIMESTONE/SHALE			

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) 2/1/13..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 845..... This Water Well Record was completed on (mo/day/year) 2/5/13..... under the business name of CRESCENT SERVICES, LLC..... 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 one copy 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>