

County: Douglas Fraction: NW SE NW SE Sec. 33 T. 12 S R. 20 E

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

Owner: Public Wholesale Water Dist. 25 B 1

If location corrected, was listed as:

Section-Township-Range: \_\_\_\_\_

Fraction (1/4 calls): \_\_\_\_\_

Location changed to:

NW SE NW SE

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

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

Comments: This record is part of a series of water well records with incomplete fractions.

The GPS coordinates provided do not specify the datum used.

Verification method: Typed GPS coordinates in to KGS LEOWEB software. Used all datum NAD 27, NAD 83, and WGS 84 when entering coordinates in to LEOWEB, which all resulted in the same section-township-range and fractions.

Initials: SW Date: 07-26-2019

Submitted by:  Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3724  
 Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

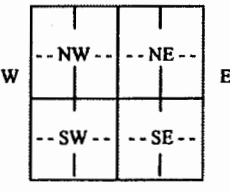
**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.

B1

<b>1 LOCATION OF WATER WELL:</b> County: Douglas	Fraction ¼    ¼    ¼    ¼	Section Number 33	Township No. T 12 S	Range Number R 20 <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"/> .		<b>Global Positioning System (GPS) information:</b> Latitude: .38.57.735 N..... (in decimal degrees) Longitude: 95.11.577 W..... (in decimal degrees) Elevation: ..... 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		
<b>2 WATER WELL OWNER:</b> Public Wholesale Water Dist. #25 RR#, Street Address, Box #: 946 E. 650th Road City, State, ZIP Code : Lawrence, KS 66047				

<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> N  S -----1 mile-----	<b>4 DEPTH OF COMPLETED WELL 53'5"</b> ..... ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 33..... ft. below land surface measured on mo/day/yr. 5/10/2018..... Pump test data: Well water was 34..... ft. after 24..... hours pumping. 302..... gpm EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter 24..... in. to 53..... ft., and 2..... 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 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 checked="" 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 type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No
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**5 TYPE OF CASING USED:**  Steel  PVC  Other .....

CASING JOINTS:  Glued  Clamped  Welded  Threaded

Casing diameter .12..... in. to .22..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface..... 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 .32'8"..... ft. to .53'2"..... 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 .22..... ft. to .26..... 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 ..... Distance from well .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		See attached			

**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) 5/9/2018..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 793..... This Water Well Record was completed on (mo/day/year) 5/9/2018..... under the business name of Cahoy Pump Service..... 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 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. I include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

COPY



CAHOY PUMP SERVICE

SUMNER, IA  
Corporate Office  
563-578-1130

MARNE, IA  
712-781-2030

DRILLER'S LOG

CLIENT: Kansas PWWSD #25

WELL: B-1

DATE STARTED: 3/8/2018

DATE COMPLETED: 3/9/2018

DRILLER/LIC.#: 793

County: Douglas

GPS: 38° 57.735N 95° 11.577W

\_\_\_ mi N/S and \_\_\_ mi E/W of intersection of \_\_\_\_\_ and \_\_\_\_\_

\_\_\_ % of the \_\_\_ % of the \_\_\_ % of \_\_\_\_\_ Sec \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_ E/W

ROD#	LENGTH	DEPTH	FORMATION DESCRIPTION	DEPTH STARTED	DEPTH ENDED
24" drag	5' 6"	5' 6"	Silty brown clay	0'	12.0'
Kelly	22' 6"	28.0'	Fine brown sand "tight"	12.0'	15.0'
1 <sup>st</sup> rod	21.0'	49.0'	Fine to med rustd brown	15.0'	22.5'
2 <sup>nd</sup> rod	10' 6"	59' 6"	Sand w/clay streak from 15.5'-18'		
			Med rusty sand	22.5'	35.0'
			Few clay streaks from 31'-34'		
			Med to coarse gray sand	35.0'	38.0'
			Fine to med uniform gray sand	38.0'	44.5'
Screen casing			Med gray sand & gravel	44.5'	45.0'
Screen (SS)	20' 11"		Med to coarse gray sand w/pebbles	45.0'	53.5'
Casing Certilok	20.0'		Med to coarse gray sand w/pebbles	45.0'	53.51'
Casing Certilok	20.0'		Limestone-drilling	53.5'	
Total	60' 11"		Ceased		

CAHOY WELL AND PUMP SERVICE  
 24568 150<sup>TH</sup> ST. STE. 200  
 SUMNER, IA 50674

OWNER: Kansas PWWSD #25  
 WELL: B-1  
 DATE: 3/9/2018  
 GPS: 38° 57.735N 95° 11.577W

563-578-1130 SUMNER, IA  
 563-578-1135 FAX  
 712-781-2030 MARNE, IA  
 712-781-2032 FAX

