

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

County: Douglas

Location listed as:

Section-Township-Range: 31-12 S-20 E

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): NW

Location changed to:

31-12 S-20 E

S2 SE NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Wellsite address, city street map, and mapping tool on KGS website.

initials: DBA date: 9/29/2010

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 KSA 82a-1212

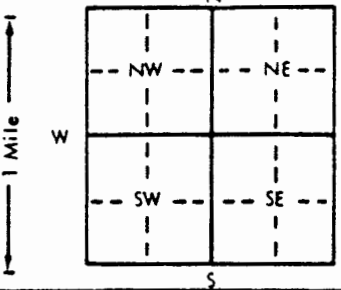
1] LOCATION OF WATER WELL: County: <u>DOUGLASS</u>	Fraction <u>1/4 NW 1/4</u>	Section Number <u>31</u>	Township Number T <u>12</u> S	Range Number R <u>20</u> E
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Distance and direction from nearest town or city street address of well if located within city?

1002 NEW HOUSHIRE

2] WATER WELL OWNER: <u>DUKE CRAMER</u> RR#, St. Address, Box #: <u>2417 MANCHESTER</u> City, State, ZIP Code: <u>LAWRENCE, KS 66049</u>	Board of Agriculture, Division of Water Resources Application Number:
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3] LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4] DEPTH OF COMPLETED WELL: <u>18</u> ft. ELEVATION: <u>852.11</u>
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Depth(s) Groundwater Encountered 1. 18 ft. 2. _____ ft. 3. _____ ft.

WELL'S STATIC WATER LEVEL 8.14 ft. below land surface measured on mo/day/yr 6-7-93

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: 7.5/8 in. to 1.8 in. and _____ in. to _____ in.

WELL WATER TO BE USED AS:

1 Domestic	3 Feedlot	6 Oil field water supply	9 Dewatering	12 Other (Specify below)
2 Irrigation	4 Industrial	7 Lawn and garden only	<input checked="" type="checkbox"/> 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

5] TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued _____ Clamped _____
1 Steel	3 RMP (SR)	6 Asbestos-Cement	Welded _____
<input checked="" type="checkbox"/> 2 PVC	4 ABS	7 Fiberglass	Threaded <input checked="" type="checkbox"/>
Blank casing diameter <u>2</u> in. to <u>8</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.	Casing height above land surface <u>0</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>5.44-9.0</u>		
TYPE OF SCREEN OR PERFORATION MATERIAL:			
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped	8 Saw cut
1 Continuous slot	<input checked="" type="checkbox"/> 3 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) _____
SCREEN-PERFORATED INTERVALS: From <u>0</u> ft. to <u>1.8</u> ft., From _____ ft. to _____ ft.			
GRAVEL PACK INTERVALS: From <u>0</u> ft. to <u>1.8</u> ft., From _____ ft. to _____ ft.			

6] GROUT MATERIAL: 1 Neat cement	2 Cement grout	3 Bentonite	4 Other _____
Grout intervals: From <u>0</u> ft. to <u>5</u> ft., From <u>5</u> ft. to <u>7</u> ft., From _____ ft. to _____ ft.			
What is the nearest source of possible contamination:			
1 Septic tank	4 Lateral lines	7 Pit privy	<input checked="" type="checkbox"/> 11 Fuel storage
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage
Direction from well? <u>WEST</u>		How many feet? <u>5</u>	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>4'</u>	<u>CLAY, BRN/BLK, SILTY</u>			
<u>4'</u>	<u>9</u>	<u>CLAY, BRN/64, SILTY</u>			<u>MW 8</u>
<u>9</u>	<u>18</u>	<u>CLAY, BRN, SILTY</u>			

7] CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo./day/year) <u>3-16-93</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>521</u> This Water Well Record was completed on (mo./day/yr) <u>7-8-93</u> under the business name of <u>GEORGE CRAMER, INC</u> by (signature) <u>Dale R. Cramer</u>	
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