

**CORRECTION(S) TO WATER WELL RECORD (WWC-5)**

(to rectify lacking or incorrect information)

**Location listed as:**

County: McPherson

**Location changed to:**

Section-Township-Range: 23-19S-2W

24-19S-2W

Fraction (  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$  ): SE SE NE

NW NW NW SW

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

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

Comments: Latitude: 38.3842° N., Longitude: -97.50012 W.

verification method: Letter and corrections from KCC.

initials: DR date: 11/28/2005

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	Section Number	Township Number	Range Number
County: <u>McPherson</u>		<u>SE 1/4 SE 1/4 NE 1/4</u>	<u>23</u>	T <u>19</u> S	R <u>2</u> E <u>10</u>
Distance and direction from nearest town or city street address of well if located within city? <u>1 mile EAST of GALVA, KS 1 mile North of Hwy 56 1 mile EAST 1/2 mile South &amp; 1/2 West</u>					
2] WATER WELL OWNER: <u>KANSAS CORPORATION Commission District # 2</u> <u>TO THE WORK</u>					
RR#, St. Address, Box # : <u>130 South MARKET ST. RM 2125</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <u>Wichita, KS 67202-3802</u>			Application Number:		
3] LOCATE WELL'S LOCATION WITH		4] DEPTH OF COMPLETED WELL: <u>80</u> ft. ELEVATION: .....			
AN "X" IN SECTION BOX:		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			
		Bore Hole Diameter: <u>7 5/8</u> in. to <u>80</u> ft., and ..... in. to ..... ft.			
		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) <u>10 Monitoring well</u>			
		Was a chemical/bacteriological sample submitted to Department? Yes. .... No. <u>X</u> ; If yes, mo/day/yr sample was submitted			
		Water Well Disinfected? Yes ..... No <u>X</u>			
5] TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)		6 Asbestos-Cement	
<u>2 PVC</u>		4 ABS		7 Fiberglass	
Blank casing diameter ..... <u>2"</u> in. to <u>70</u> ft., Dia		Casing height above land surface ..... <u>36</u> in., weight		lbs./ft. Wall thickness or gauge No. <u>Sch 40</u>	
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless steel		5 Fiberglass	
2 Brass		4 Galvanized steel		6 Concrete tile	
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped		8 Saw cut	
1 Continuous slot		<u>3 Mill slot</u> <u>.010</u>		9 Drilled holes	
2 Louvered shutter		4 Key punched		7 Torch cut	
SCREEN-PERFORATED INTERVALS: From ..... <u>70'</u> ft. to ..... <u>80'</u> ft., From ..... ft. to ..... ft.		GRAVEL PACK INTERVALS: From ..... <u>80</u> ft. to ..... <u>65</u> ft., From ..... ft. to ..... ft.		10 Asbestos-cement	
				11 Other (specify) .....	
				12 None used (open hole)	
6] GROUT MATERIAL: 1 Neat cement 2 Cement grout <u>3 Bentonite</u> <u>4 Other</u> <u>1 BUCKET of 1/2" PELLETS</u>					
Grout Intervals: From ..... <u>65</u> ft. to ..... <u>3</u> ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.					
What is the nearest source of possible contamination:					
1 Septic tank		4 Lateral lines		7 Pit privy	
2 Sewer lines		5 Cess pool		8 Sewage lagoon	
3 Watertight sewer lines		6 Seepage pit		9 Feedyard	
Direction from well? <u>North</u>		How many feet? <u>20</u>		10 Livestock pens	
				11 Fuel storage	
				12 Fertilizer storage	
				13 Insecticide storage	
				14 Abandoned water well	
				15 Oil well/Gas well	
				<u>16 Other</u> (specify below) <u>CLAY FIELD</u>	
FROM		TO		LITHOLOGIC LOG	
FROM		TO		PLUGGING INTERVALS	
0"		4'		Road bed Topsoil, Black	
4'		10'		CLAYEY Sand, FINE BRN.	
10'		15'		Sand MED. QUARTZOSE (SUGAR SAND) SOME DARK BRN. Clay.	
15'		20'		SANDY Clay, Lt. to DARK BRN. SOME CALCAREOUS NODULES	
20'		30'		Sand, Lt. BRN. to tan SOME dark BRN. and GRAY Clay, MORE Clay gray	
30'		35'		Sand BRN. FINE to MED. 28-30'	
35'		50'		Sand, Lt. BRN to tan, MED SOME BRN Clay At 40'	
50'		55'		Sand, Lt. BRN, MED. to COARSE, SOME IRON hematite ROCK, SOME BRN Clay	
55'		64'		Sand, BRN. FINE, SOME BRN. to GRAY Clay	
64'		71'		Sand, BRN. FINE to MED. SOME GRAY SHALE.	
71'		77'		Sand, med. to COARSE, IRON hematite ROCK. SOME Lt. gray clay/shale	
77'		82'		SHALE, Lt. BLUE to gray WEATHERED	
82'		83'		SHALE, Blue/gray (Wellington 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) <u>6-21-02</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. <u>665</u> This Water Well Record was completed on (mo/day/yr) <u>10-1-02</u> under the business name of <u>Pratt Well Environmental</u> by (signature) <u>Steven E. Pratt</u>					
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone 785-296-5524. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.					

# KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR

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MICHAEL C. MOFFET, COMMISSIONER

March 29, 2005

Bureau of Water  
Environmental  
Attn: Geology Section  
1000 South West Jackson Suite#420  
Topeka, Kansas 66612-1367

Re: Corrected water Well Location  
Monitoring wells KCC  
McPherson County

Dear Sir:

Enclosed are copies of the WWC5 as in database. Corrections have been marked on the forms.

While I was working with the KGS water well database when I noticed that the correction on this project had not been sent to you. If you have any questions please call.

Sincerely



Bill Johnson  
Environmental Geologist

C: file

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RUNNING TURKEY CREEK  
ERRORS IN THE FINAL REPORT BY T & C MFG OPER.

SECTION 1: WELL LOCATIONS & SURVEY DATA SHEET

1. There are two topographic maps submitted with this report that show the locations for the monitoring wells. The first map shows the locations for the monitoring wells in the Elyria area, and the second shows the locations for monitoring wells in the Galva area. The Elyria map does not show the locations for monitoring wells 17-02, 18-02 or 19-02, and the Galva area map show the original locations for monitoring wells 2-02, 5-02, and 6-02, which had to be moved due to drilling obstructions such as pipelines.
2. Following the topographic maps is a spreadsheet listing all spot location data for monitoring wells that were completed and not plugged. Well locations are wrong for monitoring wells 2-02, 5-02, 6-02, 13-02, 15-02, and 16-02. It is assumed that the Lat./Long coordinates for these wells are also wrong. As stated above some locations were moved due to drilling obstructions, and were not re-shot with a GPS unit, but all errors include the wrong section and spot locations
3. The survey work done by Melanie L. Thrower is very vague, and uses <sup>some</sup> monitoring well numbers that were not designated numbers by Bill Johnson. This survey only gives the monitoring well numbers and the elevations for the Top of Casings. There is no confirming what sec-twp-rge or location she was in when doing the survey work. The survey did not include MW 15-02, but shows two surveys for 16-02. There is a 16-B-02 and a 16-02(s). It appears by looking at the elevations the 16-02(s), (s for south) corresponds to MW 15-02, but again without having a spot location this is only a good guess.

SECTION 2: DAILY JOB LOG

1. This section has limited information and it appears Geostat didn't keep a daily log from 6-8-02 to 7-30-02. Their logbook does have dates for when the wells were developed.

SECTION 3: WELL INFORMATION SECTION; WELL LOG, WWWC-5 FORM, LOG OF TEST BORING

1. MW 1-02 OK
- ✓2. MW 2-02 Has the original location on the well log which was copied onto the WWWC-5 form. Wrong spot, section and Lat./Long coordinates.
3. MW 3-02 OK
4. MW 4-02 OK

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- ✓ 5. MW 5-02 Has the original location on the well log which was copied onto the WWC-5 form. Wrong spot, section and Lat./Long coordinates.
- ✓ 6. MW 6-02 Has the original location on the well log which was copied onto the WWC-5 form. Wrong spot, section and Lat./Long coordinates.
7. MW 7-02 OK
8. MW 8-02 PLUGGED. Well log indicated TD was 45'. Bill Johnson's field notes indicate TD was 40'.
9. MW 9-02 PLUGGED. The lithologic description in this report is for MW 11-02, not 9-02. The wrong log was probably used when typing up the report. The TD for 9-02 was 35', not 63'. Location in the report is correct for 9-02. WWC-5 form also has correct location for 9-02, but the rest of the lithologic log is for MW 11-02 as well.
10. MW 10-02 OK
11. MW 11-02 PLUGGED. NO REPORT SUBMITTED.
12. MW 12-02 OK
- ✓ 13. MW 13-02 Wrong spot location and section. WWC5 form also reflects the wrong spot location and section. Wrong Lat./Long?
14. MW 14-02 OK
- ✓ 15. MW 15-02 Wrong spot location and section. WWC5 form also reflects the wrong spot location and section. Wrong Lat./Long?
- ✓ 16. MW 16-02 Wrong spot location and section. WWC5 form also reflects the wrong spot location and section. Wrong Lat./Long?
17. MW 17-02 OK
18. MW 18-02 OK
19. MW 19-02 10' of screen and 64' of pipe run, not 66' of pipe run. WWC5 form OK