### 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: 9-215-3 W	26-205-3 W
Fraction ( ¼ ¼ ¼): SE NE SE	SE SE NE NE
Other changes: Initial statements:	
Changed to:	
Comments: Latitude: 38.2865/°N.,	Longitude: 97.6/17° W.
verification method: Letter and corrections	from KCC, lat./long.
submitted by Kanas Carlanial Survey Data Bassuras Library 1020 C	initials: DR date: ///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.

		WATER	R WELL RECORD	Form WWC-	5 KSA 8	2a-1212	
LOCATION OF V		Fraction	1		ction Number		Range Number
County: MCP		<b>5€</b> ¼	NE 4.	SE 14	9	T Z/ S	R 3 6
Distance and direct		•		•		1.0	_
12 MilE	east of	ETYPIA. A	ks on . Con	ness Anch	E Rd.	1/2 mile South	an 174 AVE
WATER WELL	OWNER: KAN	SAS CORI	POTATION	Comm	1,22,00	n District #	
RR#, St. Address,						• •	Division of Water Resources
City, State, ZIP Cod		Lita KS				Application Number	
	LOCATION WITH						
AN "X" IN SECT	ION BOX:			4	II. CLEV	/ATION:	
- —	- <u>N</u>	Depth(s) Groundy	water Encountered	12 400	π	. 2	3 π.
†							·
NW -	NE					after hours	
	1	Est. Yield	gpm: Well w	ater was		after hours	
# w		Bore Hole Diame	ter <b>7.3/g</b> in. :	to 🍎 🛂 .		., and	in. to
ž " [		WELL WATER TO	O BE USED AS:	5 Public wat	er supply	8 Air conditioning 1	1 Injection well
7   1	1 #	1 Domestic	3 Feedlot	6 Oil field wa	ater supply	9 Dewatering 1	2 Other (Specify below)
sw -	%	2 Irrigation	4 Industrial	7 Lawn and	garden only	10 Monitoring well	
1 1 :					-		es, mo/day/yr sample was sub-
1	<del></del>	mitted	acionological campi	0 000,,,,,,,,,,,		Vater Well Disinfected? Yes	No X
TYPE OF BLAN	K CASING USED:	Timtoo	5 Wrought iron	8 Conc			ied Clamped
_		:D\	5 Wrought iron				
1 Steel	3 RMP (S	n)	6 Asbestos-Cerner	ıı 9 Other	(specify bel	•	elded
(PVC)	4 ABS	. 60	7 Fiberglass	• • • • •			readed
·	_		•			ft., Dia	
Casing height above		-	in., weight			s./ft. Wall thickness or gauge	No. 304
TYPE OF SCREEN	OR PERFORATIO	N MATERIAL:		(7/P)		10 Asbestos-cer	nent
1 Steel	3 Stainless	s steel	5 Fiberglass	8 RI	MP (SR)	11 Other (specif	ý)
2 Brass	4 Galvaniz	zed steel	6 Concrete tile	9 A	3S	12 None used (	open hole)
SCREEN OR PERF	FORATION OPENIN	IGS ARE:	5 Ga	uzed wrapped		8 Saw cut	11 None (open hole)
1 Continuous	slot 3 N	Aill slot . DIO	<b>)</b> 6 Wii	re wrapped		9 Drilled holes	
2 Louvered st	hutter 4 K	ey punched		rch cut			
SCREEN-PERFOR			5.0	60	ft Fi	rom ft	
00.122.11.2.11.01.1		From	ft. to				
CDAVE	DACK INTERVALC.			1/5	,	rom	
GRAVEL	PACK INTERVALS:	_		<b></b>	•	rom ft	. το
		From	ft. to		ft., Fr	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 /2 (1 A) (1 A)
6 GROUT MATER		cement 222	2 Cement grout	8 Bent	onite _	Other / Bucket	or 12 peces
Grout Intervals: F	From	.ft. to	ft., From	ア・3 ft.	to 🔑.	ft., From	ft. to ft.
What is the nearest	t source of possible	contamination:			10 Live	estock pens 14	Abandoned water well
<ol> <li>Septic tank</li> </ol>	4 Later	ral lines	7 Pit privy		11 Fue	•	Oil well/Gas well
2 Sewer lines	5 Cess	pool	8 Sewage la	agoon	12 Fer	rtilizer storage	Other specify below)
3 Watertight s	sewer lines 6 Seep	page pit	9 Feedyard			ecticide storage	FIRE LAND
Direction from well?	? <b>9</b>	99	•		How m	nany feet? 299	i
FROM TO	-	LITHOLOGIC L	LOG	FROM	ТО		INTERVALS
0" 5'	Talsai	1, ORGAN	in make	EVIAL			+
5' 10'		Clay BR		K BIN.		Well	ELY 16-02
10' 18	Class	BRN. to	DACK BAN	Plast	<del></del>		
	1 54 5	Tal C				10.	
	sand,	Tome pris	VE Some	FOME	BON C	ing.	
20' 26	CIAYBY	sand, F	THE, DAY	~K ISTN	1		
26' 35	Sand	MOD BR	N MED 9	RAINS,	Some	Silt	
35' 55	Sand	Ct. BRN	, mors	9RAMS			
55' 60	SAND	Lt. BON	MED. 9	RAINS,	Some	+AM ShALE	
60 64	1	11 11	11	11 W.	مــ ما	VE GROWN SI	halt
64. 65		, Olive	gROEN,	Z mar	1.000	Witis	
		/	//		-		
					1		
					-		
<del></del>							
<del></del>	<u> </u>						
7 CONTRACTOR	S OR LANDOWNE	R'S CERTIFICATIO	ON: This water well	was (1) constru	ucted) (2) re	constructed, or (3) plugged u	nder my jurisdiction and was
completed on (mo/d							knowledge and belief. Kansas
Water Well Contrac	• • •					4 🛋 -	2-02
under the business			ENVIRON		•	nature)	5.10
						rcle the correct answers. Send top three OWNER and retain one for your reco	

# 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 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

 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 WWC-5 form. Wrong spot, section and Lat./Long coordinates.
  - 3. MW 3-02 OK
  - 4. MW 4-02 OK

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- V5. 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
- 3. 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
- 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