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

(to rectify lacking or incorrect information)

| Location listed as: | County: McPher-Soh Location changed to: |
|---|--|
| Section-Township-Range: 23-195-2W | 24-195-2W |
| Fraction (1/4 1/4 1/4): SE SE NE | 24-195-2W NW NW NW SW |
| Other changes: Initial statements: | · : |
| | |
| Changed to: | |
| | |
| Comments: Latitude: 38.3842°N., Lo | ngitude: -97. 50012 W. |
| verification method: Letter and correction: | s from ECC. |
| | initials: DRL date: 11/28/2005 |
| submitted by: Kansas Goological Survey, Data Pascurage Library, 1920 Co | ngtont Ave. Lawrence VC 66047 2726 |

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.

| | | | TER WELL REC | ORD Form WW | C-5 KSA 82a | 1-1212 ID No |) | |
|--|---|--|---|--|--|--|--|---|
| LOCATION | | | Fraction | | | on Number | Township Number | Range Number |
| County: MC | Pher | SON | SE 14 | SE 14 1 | | 23 | T /7 s | R 2 B(V) |
| | | _ | • | address of well if lo | - | | ٨. | |
| MILE E | LL OWNE | A GAIVER: KANS | A KS ni | KE North of | HWY 56 | 1 Milë n Distr | ENST 1/2 mile. | South 4 1/2 WUST |
| RR#, St. Addre City, State, ZIP | | | | GTZOZ | | 2,5 | Board of Agriculture, Application Number: | Division of Water Resources |
| 3 LOCATE WE | LL'S LOCA | TION WITH | 4 DEPTH OF C | OMPLETED WELL | 20 | ft. ELEVATI | ON: | |
| AN "X" IN SI | | | Depth(s) Ground | water Encountered | 1 | ft. 2. | | 3 ft. |
| <u> </u> | N | _ | WELL'S STATIC | WATER LEVEL | ft. below | land surface r | measured on mo/day/yr | |
| NW | / | NE ¬- | | | | | | pumping gpm pumping gpm |
| | V. 1 | | Bore Hole Diame | eter. 7. <i>5/g</i> in | . to | ft., an | d | . in. to ft. |
| ¥ W | | E | WELL WATER 1 | TO BE USED AS: | 5 Public water su | apply 8 / | Air conditioning 11 | Injection well |
| | | | 1 Domestic | | 6 Oil field water s | | | Other (Specify below) |
| sw | 1 | SE | 2 Irrigation | 4 Industrial | 7 Domestic (lawn | & garden) 0 I | Monitoring well | |
| <u> </u> | | | | pacteriological sample | submitted to Depa | | | mo/day/yrs sample was sub- |
| 5 TYPE OF BI | S | SINC LICED. | mitted | F Wrought iron | 9 Canarat | | Well Disinfected? Yes | ied Clamped |
| 1 Steel | LANK CAS | 3 RMP (SF | | 5 Wrought iron6 Asbestos-Cemer | 8 Concret | e tile specify below) | | lded |
| 2 PVC | | 4 ABS | • | 7 Fiberglass | | below) | | eaded. |
| | diamata. | 4751 | | A | | | | in. to |
| Blank casing of | | | | , | | | | — 1 1 |
| | | | | | | | | |
| 1 Steel | REEN OR | 3 Stainless | TION MATERIAL: | 5 Fiberglass | ₹ PVC 8 RMP | - | 10 Asbestos-cer 11 Other (specify | |
| 2 Brass | | 4 Galvaniz | | 6 Concrete tile | 9 ABS | (311) | 12 None used (c | • |
| SCREEN OR | PERFOR | | | | auzed wrapped | | 8 Saw cut | 11 None (open hole) |
| 1 Continuo | | | ill slob • 010 | | re wrapped | | 9 Drilled holes | () |
| 2 Louvered | d shutter | 4 Ke | ey punched | 7 To | rch cut | | | |
| SCREEN-PER | | | | | <i>80</i> | ft., From . | | to ft. |
| 0.04 | | IZ INITEDIZAL | From | ft. to | ينغ بزر | ft., From . | | to |
| GRA | AVEL PAC | | S' From # | | | | | |
| | | K INTERVAL | | | | | | |
| C CDOUT MA | TEDIAL | | From | ft. to | | ft., From . | | toft. |
| | | 1 Neat ce | From ement | 2 Cement grout | 3 Bentonit | ft., From . | her). <i>J. Buck</i> 5.7 | of 1/2" POLLOTS |
| | ls: From. | 1 Neat co | From ement | 2 Cement groutft., From | 3 Bentonit | ft., From . | her) / Buck67 | to |
| Grout Interval | ls: From. earest sou | 1 Neat co | ementft. to | 2 Cement groutft., From | 3 Bentonit | ft., From . e 4 Ot to | her | to |
| Grout Interval What is the no 1 Septic ta | ls: From. earest sou ank | 1 Neat confirmed of possible 4 Latera | ementft. to | 2 Cement groutft., From 7 Pit pri | 3 Bentonit | toft., From | | toft. of /z" PSCLETS ft. toft. Abandoned water well Oil well/Gas well |
| Grout Interval What is the no 1 Septic ta 2 Sewer lir | ls: From. earest sou ink nes | 1 Neat co | ementft. to ble contamination al lines pool | 2 Cement groutft., From 7 Pit pri 8 Sewa | 3 Bentonitft. t | to | | toft. of. /z''. PSCL575 .ft. toft. Abandoned water well Oil well/Gas well Other (specify below) |
| Grout Interval What is the no 1 Septic ta 2 Sewer lir 3 Watertigl | ls: From. earest sou ank nes ht sewer li | 1 Neat or Latera 5 Cess ines 6 Seepa | ementft. to ble contamination al lines pool age pit | 2 Cement groutft., From 7 Pit pri | 3 Bentonitft. t | 10 Livesto 11 Fuel str 12 Fertilize 13 Insection | tt. her | toft. of /z" PSCLETS ft. toft. Abandoned water well Oil well/Gas well |
| Grout Interval What is the non- 1 Septic ta 2 Sewer lir 3 Watertigl Direction from | ls: From. earest sou ink nes ht sewer li i well? | 1 Neat co | From | ft. to 2 Cement grout ft., From 7 Pit pri 8 Sewa 9 Feed | 3 Bentonitft. i vy ge lagoon yard | 10 Livesto 11 Fuel str 12 Fertilize 13 Insectio | tt. ft. ft. ft. ft. ft. ft. ft. ft. ft. | toft. ft. ft. ft. Abandoned water well Oil well/Gas well Other (specify below) |
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KANSAS

CORPORATION COMMISSION

Show

KATHLEEN SEBELIUS, GOVERNOR

BRIAN J. MOLINE, CHAIR
ROBERT E. KREHBIEL, COMMISSIONER
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

RECEIVED

MAR 3 1 2005

BUREAU OF WATER



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

SECTION 1: WELL LOCATIONS & SURVEY DATA SHEET

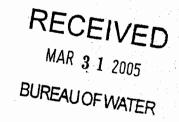
- 1. There are two topographic maps submitted with this report that show the locations for the monitoring wells. The first map shows the locations for the monitoring wells in the Elyria area, and the second shows the locations for monitoring wells in the Galva area. The Elyria map does not show the locations 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

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





- 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
- 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