



P.O. Box 226 • Seneca, KS 66538 • 785/336-3760  
FAX 785/336-2751 • <http://www.krwa.net>

February 19, 2010

Duane Brumbaugh  
City of Protection  
PO Box 7  
Protection, KS 67127

Dear Duane,

It was a pleasure to assist you with the well problems and the master meter testing.

The well was inspected with a down-hole camera inspection. I viewed the video and pointed out to you the two possible problem areas that I saw. The first was at the seam where the black iron-casing pipe meets the stainless steel screen. Due to the dissimilar metals it is a perfect place for electrolysis to take place. The second area of concern is on the screen itself, right at the bottom of the well. There were some technical problems with the lighting at this location; the visual was poor quality. I suggest contact the company that made the video and discuss the problem with them.

We reviewed what plumbing modifications would have to be made to field test the meters on wells 5 and 6. The new well was plumbed correctly for the inline field test and was tested using the fire hydrant at the north edge of town. The meter tested at 103%. Let me know when your ready to do the others and I would be glad to assist you. Here are the test results:

Meter: McCrometer # 9361482

Test Rate: 345 gpm, Test Volume 5500 gallons; Tester Volume 5274.7 gallons; Flow Curve Adjustment on test meter 99%; Meter Accuracy 103.2%

I am glad that you are planning to attend the Annual Conference & Exhibition, March 30 - April 1 at Century II in Wichita. It will be a great place to learn and meet other industry professionals.

Sincerely,

Jon Steele  
Circuit Rider

C: Mke Brosius, Mayor