

NOT ALWAYS SO STRONG.

TESTS BY THE WATER-WORKS COMPANY SHOW GREAT PRESSURE.

The Company Yesterday, in Gathering Evidence in the City's Suit Against It, Made Formal Tests of the Fire Pressure—The Results Were Satisfactory to the Company—One Stream Sprayed the Flagstaff on the Rialto Building—More Tests Today.

The National Water-works company began yesterday a test of the pressure of its system to determine its efficiency. The result of the tests is to be used as evidence in the suit of Kansas City against the company. The tests yesterday were made by G. W. Pearsons, formerly chief engineer of the company, and the measurements were taken by Major O. B. Gunn, W. Kiersted and Mr. Pearsons. The only vertical stream thrown was at Ninth street and Grand avenue, and it sprayed the tip of the flagstaff on the Rialto building. The rest of the streams were thrown horizontally. Four streams were thrown in a line from hydrants between Ninth and Twelfth streets, four on Fourteenth between Broadway and Summit, and four on Harrison between Thirteenth and Sixteenth. These were all one inch streams from smooth nozzles, two and one-half inch hose and four-inch main pipes, with a pressure of 170 pounds at the Water-works. The streams were thrown distances ranging from 171 to 210 feet, which, Engineer Pearsons says, equals vertical-throws of from 117 to 152 feet.

In the afternoon three streams were thrown on Wyandotte street, between Fifth and Seventh streets, three on Grand avenue, between Ninth and Thirteenth, and two on Campbell, between Twelfth and Thirteenth. The pressure at the Water-works was 165 pounds and a one and one-fourth inch nozzle was used. The streams were thrown from 184 to 211 feet, equalling vertical streams, says the engineer, of from 125 to 148 feet.

This morning at 8:30 o'clock a test will be made at Thirteenth and Hickory streets in the West bottoms. This is the point where at a recent fire the windows in the second-story of a burning building had to be broken by brickbats as the stream was not strong enough to shatter the glass. The Water-works company claims that the streams were not handled properly at this fire, that the pressure is unusually strong at that point and it will stake the efficiency of the system upon the public test to be made this morning.

TO PROTECT LIFE AND PROPERTY.

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