

ACQUEDUCTS AND THEIR USES

Brief Dissertation on Some Remarkable Instances of Canal Construction.

WHAT THE PLATTE RIVER CANAL MAY DO

Its Value to Omaha Estimated by Some Notable Examples of Ancient Building and Service—Outlines of a Great Enterprise.

In the year 1877 Mr. S. L. Wiley, as manager of the Omaha Water Works company, was examining the available water supply for the city and found that a phenomenal head of about 200 feet existed between the waters of the Platte river, south of Fremont, and the city of Omaha.

Three corps of engineers are in the field between Arlington and Omaha, pushing the final location as fast as possible. The point of development of power cannot be brought nearer than from five and one-half to six miles of the center of Omaha.

Some Notable Canals. The distribution of this cheap power would go a long way toward solving the manufacturing problem of this city.

Already the city of Kearney brings water nearly half the distance of the proposed canal from Fremont here Omaha, and there is no reason why metropolitan Omaha should be kept behind in the race by the smaller cities in the state.

There are many notable examples of water canals in the western states, the dimensions of a few of which may not come amiss for those who take an interest in the subject.

Arizona canal, near Phoenix, Ariz., 26 feet bottom width, 7 1/2 feet water depth, 41 miles long and grade 1/2 foot per mile.

Del Norte canal, San Luis valley, Colo., 60 feet bottom width, 2 1/2 feet water depth, 65 miles long and grade irregular.

Among canal builders of the ancient world the Romans would easily take first place. This was due to a great extent to the attention paid by the Romans to health and cleanliness, which led them to construct some very stupendous works of art.

As the Romans found this mode of conveying water advantageous, they soon caused the number of conduits to be augmented. Pliny, in his Natural History, mentions the Aqua Marcia, the water which he eulogizes thus: "Among the blessings conferred on the city by the bounty of the gods is the water of the Martia, the clearest of all the waters in the world, distinguished for coolness and salubrity."

Many Magnificent Works. In distinct channels one above the other, which together were supported by a series of arches. Occasionally there were two or more tiers of arches in one aqueduct, and this form of construction has given rise to much speculation as to its objects.

CONCORD OF SWEET SOUNDS

Musical Events of the Past Week Which Have Entertained Omaha's People.

SOME PLEASING SOCIAL FUNCTIONS

Performers Who Added to the Attractions of Ford & Charlton's Opening—Music in the Churches—What the Future Has in Store.

From a musical point of view the past week was singularly barren of events of local importance. The bustle and excitement incident to holiday activities absorbed so much of popular interest and attention as to eclipse for the time all other matters.

For the opening number Mr. L. B. Copeland sang a ballad entitled "September," which Mr. Carlton had composed expressly for the occasion. The song was well rendered and was so well received that the author will have it published at an early date.

The program was enjoyed by a select audience, comprising about 200 of well known musical and scientific people from Omaha and Council Bluffs.

The choir of the Catholic Baptist church will give a concert at the church at Twenty-sixth and Seward streets on Friday evening of this week, in which they will be assisted by other local talent.

An interesting event is scheduled for Friday evening at the Young Men's Christian Association hall, when the celebrated tenor, will appear with his company in a choice program of operatic and ballad selections.

The interest in the Apollo club is very flattering. New applications for membership are constantly being received and there are over twenty to be considered at the next meeting.

The St. Cecilia church services were held at St. Cecilia church last Sunday. A special feature of the service was the rendition of the new mass composed by Mr. Joseph Ritter.

The attendance at the regular meeting of the Omaha Choral society last week was somewhat limited on account of the entertainment at the opera house by the Princeton college people.

The musical program was rendered in connection with the services at Trinity cathedral Sunday. At the morning service the choir sang "Hark the Herald by Whitney, and the offertory consisted of a contralto solo and chorus from Gade's cantata, "Christmas Eve."

Real estate. Bargains only. My word is good. W. G. Albright. 621-2-3 N. Y. Life bldg.

Notice of the lines or less via this week, \$10 cents; each additional line ten cents.

KEEP ON SOUTH

The short line to St. Louis and quick route south.

SMASHED SALOON WINDOWS

A drunken man broke all of the windows in the front of the saloon at 1318 Leavenworth street yesterday noon and then escaped before the police arrived.

A CARE FOR GROUP

If your children are subject to group always get a bottle of Chamberlain's Cough Remedy at hand. It is a prompt and certain cure.

SEE THE CELEBRATED SOMMER PIANO AT FORD & CHARLTON MUSIC CO., 1508 DODGE.

Perfect action and perfect health result from the use of DeWitt's Little Early Risers. A perfect little pill.

See the celebrated Sommer piano at Ford & Charlton Music Co., 1508 Dodge.

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THE OMAHA DAILY BEE

MONDAY, JANUARY 2, 1893.

THE COUNTESS OF ABERDEEN

Is regarded in England as the woman who, with a retinue of eighty servants in her household, has come closest to the solution of the servant-girl problem. During 1893, Lady Aberdeen will, in an article entitled

How I Keep My Servants

to be printed in THE LADIES' HOME JOURNAL, tell of her methods of treating and retaining her domestic help.

Roll! Roll! Roll!

Compel your Shoe Dealer to supply you with Rolled Edge Arctics, Excluders, LUMBERMAN OVERS AND RUBBER BOOTS.

The New Jersey Rubber Shoe Co. MAKES NO EXTRA CHARGE FOR ROLLED EDGES. See the New Jersey SPECIALTIES. They are fine. Notice name ON SOLES. Dealers can get Price Lists and Discounts on application. I carry a big stock and am Western Agent for the New Jersey Co.

REMOVAL SALE.

VAN COTT JEWELRY COMPANY, For Thirty Days only we will offer our entire stock of Diamonds and Christmas Jewelry and Silverware at less than manufacturer's cost.

"Have you tasted America's finest Whisky?"

Richest Quality, Absolutely Pure, Doubly Aged, Delicate Bouquet, Best! Very Best!!

"BAY STATE"

WE MAKE A VARIETY FROM THE CHOICEST MATERIALS AND OUR INSTRUMENTS FULLY WARRANTED. OUR LATEST AND BEST THE LEWIS BANJO.

About Gloves

When you are buying gloves, for driving or street wear, remember that Hutchinson's are the best for wear. The reputation he has gained in the past 30 years for making gloves

That Never Rip

and that are stylish and serviceable, as much as is enjoyed by no other manufacturer. Selected skins only used. If you want to know more about gloves that are handsomely made

And Fit Beautifully

and your dealer cannot supply you with Hutchinson's Gloves write to him for his illustrated book about gloves. It will interest you.

YOUR EYES ARE TROUBLING YOU!

Well, come and have them examined by our optician free of charge, and if we see any defect we will correct it for you. We use the best of the world's eyes. If you do not see glasses we will tell you so and if you wish to do so, we will make them for you.

Max Meyer & Bro. Co.

Jewelers and Opticians. Farnam and Fifteenth Street.

Advertisement for 'The Countess of Aberdeen' article in 'The Ladies' Home Journal'. Includes a portrait of Lady Aberdeen and text describing her methods for retaining domestic help.

Advertisement for ZACHARY T. LINDSEY, Omaha, Neb., featuring 'Roll! Roll! Roll!' and 'The New Jersey Rubber Shoe Co.' with images of shoes.

Advertisement for 'REMOVAL SALE' by VAN COTT JEWELRY COMPANY, offering diamonds and silverware at reduced prices.

Advertisement for 'PURE RYE' whisky, highlighting its quality and availability at high-class drinking places.

Advertisement for 'Dr. Down's' medicine, claiming to cure various ailments and restore manhood.

Advertisement for 'Max Meyer & Bro. Co.' featuring 'YOUR EYES ARE TROUBLING YOU!' and 'MANHOOD RESTORED!' with images of people.

Advertisement for 'BARTICE'S Baking Powder', describing its purity and long history as a standard.

Advertisement for 'THE OMAHA DAILY BEE' newspaper, providing details about its publication and subscription rates.

WOODEN SIDEWALK RESOLUTION CONSTRUCTION. Council Chamber, Omaha, Neb., 1893. Resolved by the city council of the city of Omaha, as described below, within five days after the publication of this resolution, or the personal service thereof, as by or under the provisions of the charter of the city of Omaha, to lay out and construct sidewalks to be laid to the grade on the streets specified herein, and to be constructed of one piece of such width and thickness and to all joints of such dimensions and in such manner as is prescribed by the specifications on file in the office of the board of public works and under its supervision, to-wit: