

The Montanian and Chronicle.

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CHOTEAU, TETON COUNTY, MONTANA, APRIL 11, 1902.

Teton Chronicle, Vol. V, No. 36.

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CHOTEAU, - MONTANA.

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OFFICE, CHOTEAU, MONT.

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K. of P.
Meets Every Thursday Evening.
Visiting Brothers Cordially Invited to Attend.
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Choteau Laundry
Best Work in the State on White Stirts and Collars.
Prices Reasonable. J. H. Perman, Agt.
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Photographs
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DENTIST
Teeth Extracted Without Pain. All work Guaranteed.
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Daily, except Sunday.
Rates reasonable. Passenger fare \$3.50.
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Individual responsibility...2,000,000
W. G. CONRAD, Pros.
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Great Falls, Mont.

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Bankers,
Choteau, Montana.

We solicit accounts and offer to the public the most liberal treatment consistent with safe banking.

We buy and sell exchange on all the principal American and European cities, and issue letters of credit.

G. P. & C. TIME TABLE.

Tuesday	Thursday	Tuesday	Thursday
Saturday	North	Saturday	South
P.M.		P.M.	
10 55.....	Lethbridge.....	8 15	
9 45.....	Stirling.....	9 45	
8 30.....	Tyrrrell's Lake.....	11 05	
8 10.....	Brunton.....	11 25	
7 25.....	Milk River.....	12 10	
6 25.....	* Couitts.....	1 05	
5 50.....	Sweet Grass.....	1 45	
5 00.....	* Kevin.....	2 45	
4 10.....	Rocky Springs.....	3 45	
3 15.....	Shelby Junction.....	4 45	
DAILY.			
2 50.....	Shelby Junction.....	5 10	
2 00.....	Conrad.....	6 05	
12 40.....	* Pondera.....	7 30	
12 25.....		7 50	
11 30.....	Brady.....	8 45	
10 45.....	* Collins.....	9 35	
10 15.....	Clark's Spur.....	10 15	
9 10.....	Steel.....	11 20	
8 35.....	Vaughan.....	12 01	
7 55.....	Willard.....	12 40	
7 45.....	Great Falls.....	12 50	
A.M.			

Close connection make at Shelby with all trains on the G. N. Ry. Close connection made on Tuesdays, Thursdays and Saturdays at Lethbridge, with all trains on the C. P. R.
*Meals.

The Teton Exchange.

Choteau, Mont.

This is the finest appointed saloon in northern Montana.

We have on hand the finest brands of Wines, Liquors and Cigars.

The Celebrated **Pabst Export Beer**
On tap and in bottles.
DAVIS BROS.,
Proprietors.

GOLD, SILVER AND NICKEL PLATING

Before the New Year commences I expect to be prepared to do first class work in gold, silver and nickel plating at reasonable prices.

Send or bring me your knives, forks, spoons and other articles of daily use and have them plated and saved scrubbing and rubbing.

F. H. FEDERHEN,
DUPUYER, MONT.

To The Public.

To my friends and patrons of Teton county I wish to state I am better prepared than any studio in Great Falls to do your first class work. We have the largest and finest equipped studio in the state. We employ four first class assistants and our work is acknowledged the best in the city. We invite you to call and see us when in Great Falls,
W. H. OLINKEBEARD,
Studio La Grande, 218 Cental Ave.

To Thwart The Canucks And Aid And Benefit Montana.

Homes for as many people as were within the boundaries of the state of Montana 12 years ago may be created by the expenditure of \$3,500,000 and by the expenditure of \$5.70 per acre 522,000 acres of land in the territory near to Great Falls may be made worth at least \$25 per acre, yielding large crops every year, regardless of rainfall; providing sustenance for 150,000 or more people, and causing northern Montana to be one of the most prosperous agricultural communities in the United States. Such is the report of the geological survey after a thorough investigation, and such is the proof submitted to congress in support of the bill appropriating a large sum for the construction of a canal that will make the Milk river, now a stream of ever-varying flow, a mighty river, capable at all seasons of supplying all the water needed for the irrigation of more than 3,000 good ranches of 160 acres each. This holds true of the driest season ever known in the state, and in years of normal rainfall, the existence of such a canal would make highly productive more than a million acres of land over much of which now range cattle or sheep.

The principal tributaries of the Milk river are the north and south forks; crossing the international boundary 22 miles apart, running in a general northeasterly direction from their source. The north fork, for many miles flows through a canyon with steep sides, while the south fork meanders through a wide valley for a great portion of its course. The Milk river proper flows through the Canadian territory eastwardly for 100 miles, and then turns south and re-enters the United States. Its flow at Havre, varies at different seasons, from 320 to 44,000 miners inches and at times it gives practically no water for irrigation purposes, while at other times it affords water for thousands of acres of the most productive lands in the United States.

In northern Teton county, not far from the headwaters of the Milk, lies the beautiful St. Marys lake, covering an area of more than 6,400 acres. By the construction of a dam, exports have ascertained, the water of this lake may be raised 20 feet, giving a water capacity sufficient for the irrigation of 250,000 acres.

The proposed St. Marys diversion canal is for the purpose of taking the water of St. Marys river, which now flows into tributaries of Hudson bay, across gravel ridges to the Milk river and thus causing it eventually to reach the Gulf of Mexico. The engineers estimate that the cost of diverting water sufficient to irrigate 120,000 acres would be \$686,000, if it were carried to the north fork of the Milk, and \$1,173,000, if carried to the south fork.

When the surveys for the diversion were first begun, it was planned to carry the water to the south fork of Milk river and let it follow the natural channel of that stream, furnishing means of irrigation for only the lands along that river, amounting to about 120,000 acres; but Samuel Fortier, director of the agricultural experiment station at Bozeman and one of the best irrigation engineers in the country, visited the region through which it is proposed to run the canal, and after traveling over the entire proposed route, he made recommendation that have been approved by the department and which, if congress will make the desired appropriation, will result not only in increasing and making constant the flow of Milk river, but will furnish means of irrigation for at least 522,000 acres, of which 402,000 acres do not lie along Milk river and are now non-irrigable. The plans submitted by Mr. Fortier contemplate the reclamation of lands that all lie within the territory tributary to Great Falls, and his suggestion, if adopted, will prevent the possible diversion of the water by the Canadians.

By his plans it is proposed to carry the canal down the St. Marys six

miles to Spider creek and lake and thence to the north fork of Milk river, a distance of 27.4 miles, at a cost of \$689,000, crossing the north fork by an inverted siphon with an arch of 171 feet, and then to run to the south fork at a total cost of \$1,730,000 for a canal of 43.8 miles. The canal is then to run northeast to Macleod gap, with a maximum cutting of 167 feet, which may be done by hydraulic dredging, and over a gently undulating country for eight miles, and continuing until, at a distance of 64 miles from the head, the canal would reach the top of a bluff, from which there would be necessary a grade drop of 205 feet.

After this drop, the canal would be continued through the basin of Cut Bank creek, a tributary of the Marias river, to that creek, and down that creek and the Marias would flow the waters diverted from St. Marys lake continuing for a 109 miles and then being rediverted from the Marias by a canal near Willow creek, not far from Concord.

From the Marias, near Willow creek a new canal could be easily constructed eastward to Big Sandy creek, down which the water could be conveyed to Milk river above Havre. The length of this Marias rediversion canal would be 75 miles and its cost

private enterprise, but the flood waters come in torrents, flow on to the Missouri and in the space of 10 days the flow of Milk river may decrease from 40,000 to 2,000 miners inches. By regulation of the floods by a system of reservoirs, all water may be held until needed, and all throughout the irrigating season there would be in the Marias and in the Milk sufficient to irrigate all lands irrigable from those streams.

The diversion to the Marias would not deprive anyone now using water for irrigation of his share; the flow of Milk river in those sections where irrigation is now practiced would be increased, and the lands irrigated would be more than four times as great in area as would be irrigated if the water of St. Marys were carried directly to Milk river and not to the Marias. Under the new plans Canada would have no opportunity to divert the water, and the storage in St. Marys lake would all go to benefit citizens of the country and state in which the lake lies.

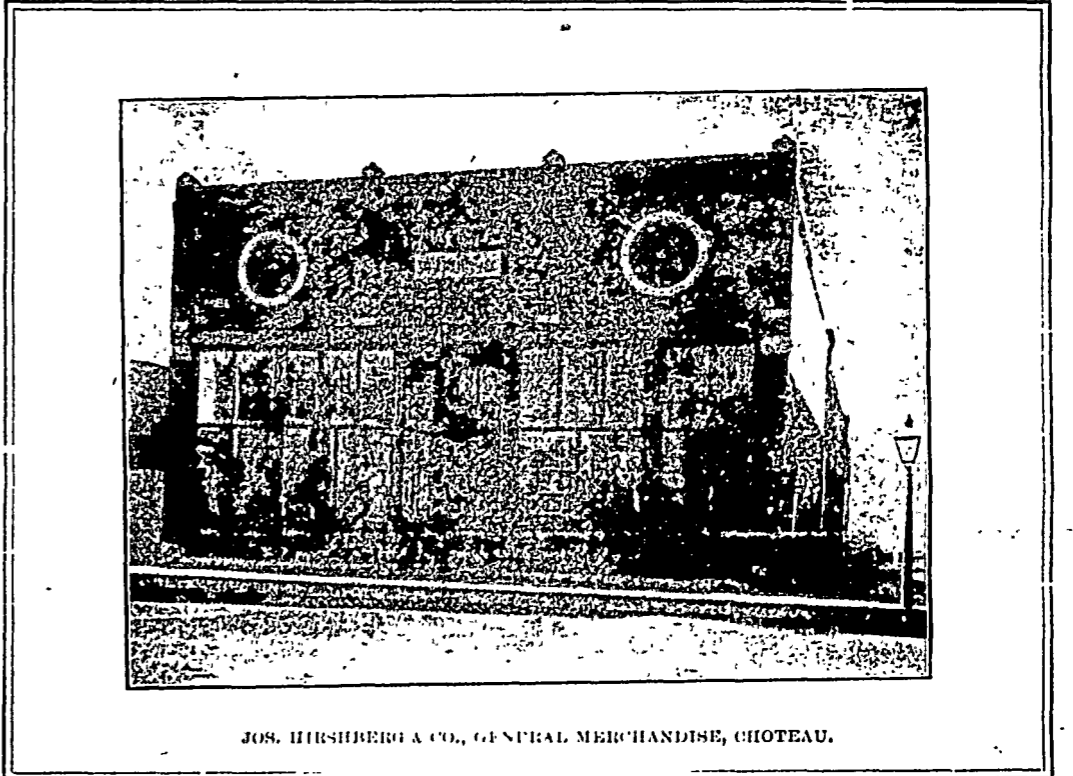
The proposed canal would make surely productive every year thousands of acres surrounding and tributary to Great Falls, Cut Bank, Shelby, Courard, Big Sandy, Havre, Chinook, Glasgow, Fort Benton, and it would result in the founding of many new

THE VICTOR'S PALM.

Wouldst try for world awards,
Hope not all sunshine and calm;
A stormy trail
They have to scale,
Who would wave the victor's palm.
Aspire and the world retreats,
Stand by and you're let alone;
To only such
As aim to clutch
The prize is resistance shown.
Succeed and the world applauds,
Fail and you reap but sneers;
For in the race
For foremost place
The victor reaps the cheers.
JOHN A. KENNEDY.

Both Sides Lost Heavily.

The British losses in the engagement in the neighborhood of Hart's river in the southwestern extremity of the Transvaal, March 31, were three officers and 24 men killed and 16 officers and 131 men wounded. The action occurred at Doornbaal farm, a few miles south of the scene of General Delarey's defeat of General Methuen. The Boers, who were commanded by Generals Kemp and Potgieter attacked with great determination, but the Canadian contingent, which was the last to arrive in South



JOS. HIRSHBERG & CO., GENERAL MERCHANDISE, CHOTEAU.

is estimated at \$310,000, and to supplement this work there should be constructed reservoirs, with supply canals, at a cost of \$900,000, making the grand total cost of the system \$3,500,000. By the system outlined 525,000 acres could be irrigated in the driest season. The cost of construction would be not to exceed \$6.70 per acre, which is remarkably low when it is considered that, in many parts of Montana, as much \$1 per acre is paid for one season's irrigation, and 20 cents per acre per year is the lowest cost of irrigation anywhere in the state.

Careful measurements of their flow for a series of years show that the Milk, St. Marys and Marias rivers alone carry water, in the driest season sufficient to irrigate 522,000 acres with all the water required to insure the best crops, the St. Marys alone being capable of supplying irrigating water for 300,000 acres. By the system proposed by Mr. Fortier and adopted by the geological survey in lieu of its own plans, there would be made tributary to Milk river not only the St. Marys and the Marias, but also Big Sandy and Sage creeks and numerous mountain streams that carry much water at certain times.

The cost of each portion of the system summarized, is as follows:
To North Fork, 27.4 miles \$686,000
To South Fork, 16.4 miles 486,400
To Cut Bank, 47 miles 460,000
Marias rediversion, 75 miles 810,000
Reservoirs 900,000

The construction of the proposed canals, with reservoirs to be supplied from them, will not only increase greatly the flow of the Milk and the Marias rivers, but it will prevent floods in those streams. At present there is often in each of those rivers much more water than is required for the irrigation of lands that may be reached by canals constructed by

towns in Teton and Choteau counties. It would make of importance such railway stations as Blackfoot, Baltic, Concord, Galata, Chester and Box Elder and then transform Lonesome Prairie into gardens.

It would increase the population of northern Montana by more than the number of people now in the counties of Choteau, Cascade, Teton and Valley.—Tribune.

About Horses.

I doubt if any single cause for frequent inactivity was greater among the mounted troops in South Africa than the Argentine horse. Clumsy mule-eared creatures they have neither spirit nor speed. If it is indeed a truth that South Africa is a land where human legs were never meant to be used if horses were available to transport their owners, it was now abundantly proved that nature never intended the Argentine breed to supply the local deficiency says a writer in the Empire Review. On a hard march they lay down and died. They had no spirit to make any effort. They resigned themselves early to their owners. And to have your new steed, obtained with such infinite labor from the reluctant clutches of the remount depot after the exercise of persuasive powers of no mean order on the commandant thereof, quietly collapse after a few days' march is not an occurrence favorable to stoicism. At the beginning of the campaign half of one of our companies rode forty-two miles one day in full marching order, covering the last thirty miles at trot and gallop with scarcely a halt. Every one of their Cape ponies reached its destination. To have attempted half that distance on Argentines at the same pace would have been to have strown the track with mournful dolerite.

Africa, from Canada, and two squadrons of yeomanry under Colonel Kier, presented such a stout front that the boogymen were finally forced to retreat. The casualty list shows that the second Canadian mounted rifles had four officers wounded, nine men killed and 40 men wounded.

To The Public.

Department of the Interior, United States Land Office, Helena, Mont., March 24, 1902.

To Whom it May Concern: The approved plats of the surveys of Townships 37 north, Ranges 4, 5 and 6 west, have been received at this office.

By letter "E" of September 7, 1898, the Hon. Commissioner of the General Land Office reserved the land in said townships from adverse appropriation by settlement or otherwise, on application of the Governor of Montana, which application was filed in the General Land Office, August 31, 1898, from the date of the filing of said application for 60 days from the filing of the official plats of the survey of said townships in this office.

Notice is hereby given that the said plats will be filed in this office on April 30, 1902, and on and after that date the Register and Receiver will be prepared to receive applications for the entry of lands in said townships from those persons whose rights were initiated prior to Aug. 31, 1898, and from the State of Montana; and on and after June 30, 1903, applications will be received from all other qualified applicants.

GEORGE D. GREENE, Register.

CHURCH ANNOUNCEMENTS.

Singing class Monday night. Sunday school at 10:30 a. m. Prayer and League service Thursday night.