

FROM THE FEAR

RESERVOIRS FOR THE WEST

Report on a Plan for the Benefit of the Arid Region.

FOR FIVE SYSTEMS IN TWO STATES

Exhaustive Report of Captain Chittenden to the Government-Saving Water for Colorado and Wyoming Farmers.

DENVER, Colo., Dec. 9.—(Special.)—The report made by Captain Hiram Chittenden of the corps of army engineers on the investigation made by him of the western reservoir and irrigation question under the authority of congress gives great satisfaction in the states that are mostly concerned in this matter. Information comes from Washington to the effect that the report is one of the best ever made, that it is profusely illustrated with photographs and apparently covers the ground completely. The following is a summary of the report giving the essential features.

FIVE SYSTEMS EXAMINED.

"Five reservoir systems have been examined under the provisions of the act of June, 1896—three in Wyoming and two in Colorado. The first system, the Laramie, near the town of Laramie, Wyo., for storing the waters of the Laramie and Little Laramie rivers and possibly of the North Platte and Cheyenne, available supply from the two rivers, 45,000 acre feet; estimated cost for storing waters from the two Laramies, \$416,254.14; cost per acre foot, \$9.05; water now held; cost of bringing the water to the reservoir, possibly as much as \$1,000,000; storage would add 328,000 acre feet to storage of reservoirs and would reduce the cost per foot to \$3.43.

PINE CREEK SYSTEM.

"Pine Creek system—Consists of three sites: Cloud Peak site, near source of stream, capacity 6,900 acre feet; cost, \$21,048; cost per acre foot, \$4.56.

PINE SITE.

"Pine site—Capacity, 11,040 acre feet; cost, \$70,723; cost per acre foot, \$6.37.

LAKE DESMET SITE.

"Lake Desmet site—Capacity, 67,678 acre feet; cost, \$113,300; cost per acre foot, \$1.67.

In case the national government should undertake the construction of the following reservoirs, the first consideration in the west the Pine system would be recommended for first consideration in Wyoming. The water is now urgently needed, and construction should be begun at once. The cost of the Pine site first, Cloud Peak next and lastly Lake Desmet. The work should cover three years. The first appropriation should be \$100,000.

THE COLORADO SITES.

"The South Platte in Colorado, capacity 41,250 acre feet; cost, \$540,000; cost per acre foot, \$13.07. This site should receive first consideration of the two examined in Colorado. The water is urgently needed. Construction should take three years. The first appropriation should be \$200,000.

"The Loveland site in Colorado, for storing waters from the Big Thompson and Cache La Poudre rivers, capacity 54,741 acre feet; cost, \$262,106.34; cost per acre foot, \$4.79; storage, 200,000 acre feet. Completion with existing rights rendering project for government construction of doubtful advisability.

The functions of reservoirs will always be primarily the promotion of industrial ends; secondarily, only a possible amelioration of flood conditions in the river.

PRACTICABILITY AND NEED.

"While it is perhaps physically practicable to build reservoirs of sufficient capacity on the watershed of any stream, even so large a stream as the Mississippi, as to exercise some influence in diminishing the flow of floods, the great cost of such works, as compared with the results to be expected from them, will always prohibit their construction unless it is called for by other and more direct means.

"A general system of reservoirs in the arid regions sufficient to contain the flow of the stream over what it is possible to divert from them in irrigation, would, it is believed, cause some reduction in the flood height of the Missouri river during the June race. The amount of this reduction would, of course, depend upon the design of the section of river considered from the points of storage and would diminish rapidly with an increase of this distance.

INDISPENSABLE IN THE WEST.

"Reservoir construction in the arid regions of the west is an indispensable condition to the highest development of the section. It can properly be carried out only through the agency of private enterprise, can never accomplish the work successfully. As between state and nation, it falls more properly under the domain of the latter.

"Reservoir construction by general government need not in any way involve government control of irrigation works; these should be left in the hands of the states and of private individuals. Private enterprise can never accomplish the work successfully. As between state and nation, it falls more properly under the domain of the latter.

"The government should acquire full title and jurisdiction to any site which it might improve and full right to the water necessary to fill the reservoir. It should build, own, maintain and operate the works itself. It should hold the stored waters absolutely free to public use, subject to the regulations, subject only to the right to close the reservoir whenever flood protection or other emergency should require.

"A partial extent of the irrigation system in the arid regions which shall render available the entire flow of the streams will not exceed 1,161,600,000 cubic feet.

"The construction of such a system were to consume a century of time, it would represent an annual storage of about 11,600,000,000 cubic feet, or 266,800 acre feet. At \$5.37 per acre foot this would cost \$1,432,716 per annum. This amount distributed among the seventeen states and territories of the arid section gives an average annual expenditure of each of \$84,277. The annual value of the stored water would return the original cost and maintenance in an average period of three years."

Looking for Debs' Agents.

OLYMPIA, Wash., Dec. 9.—(Special.)—From the fact that letters have been coming to Governor Rogers for Colonel John W. Hinton, a member of the committee in charge of the colonization scheme in the west, it is believed the agents of Debs are either in the states or on the way here to establish their headquarters in Washington at present. When Governor Rogers was asked if he knew anything about their movements, he said he had heard nothing from the committee of the social democracy since the communications made public some three months ago. He thinks the committee may be in the state, as there been considerable activity in the eastern part of the state, in the vicinity of Colfax, to secure a colony.

Counterfeiter with a Record.

SEATTLE, Wash., Dec. 9.—(Special.)—L. O. Landers, an old man who has long lived on Vashon island, is under arrest, charged with counterfeiting, and a number of tools used in counterfeiting by him are in possession of the federal authorities. Landers had had a varied career. He admits having been a member of Quantrell's guerrillas and having served with the notorious Jesse James, George Desner, Henry C. Mass, John W. Warm for him and moved to Astoria, where he got into a shooting scrape and lost his leg. In British Columbia, according to his story, he had more trouble and lost an eye. Then he settled down on Vashon island.

Don't Stop Tobacco

Take only the best tobacco. The only tobacco that is pure and clean. (Illustrated Cigarette \$5.00 per 100.)

It's Only Weans.

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they give closer attention to the preservation of this great industry.

SAD END OF A FORMER IOWAN.

Reduced to Poverty in Montana and Ends His Own Life.

ANACONDA, Mont., Dec. 9.—(Special.)—From papers found on the person of James H. Loftus, who committed suicide here, it is learned that he formerly lived in Iowa and that he was at one time well off. In a letter he left he stated that he had been a member of Phil Sheridan Post No. 40, Grand Army of the Republic of Oklaheola, Ia. He was about 65 years old and had long been a resident of this part of Montana. In a bunch of letters found were some indicating that Loftus was well-to-do in former days. Some of the letters are dated in Costa Rica and are commendatory of the work which Loftus had done in some railroad contract. One stated that he had just finished a contract, the amount of which was \$175,000. Another offers him a position as construction superintendent of a railroad in Mexico and the salary at \$300 per month and \$40 per month additional as expenses. Most of the letters from the railroad officials of Central America and Mexico are dated in the early '70's. Papers indicating that he had performed some contract work in Missouri and Iowa also are found. There was also a letter signed by the Board of Trade of Oklaheola, Ia., complimenting him upon his excellent manner in which he had performed his duties as station agent at that point. A marriage diploma, issued at Oklaheola in 1880; a set of resolutions, thanking him for services rendered Warrenton lodge of Missouri; and a withdrawal certificate from the Oklaheola lodge of Oklaheola, Ia., dated 1882, were also found.

Indians With Good Names.

HELENA, Mont., Dec. 9.—(Special.)—That a good name is a thing of value even to an Indian is shown by the acquittal of two Indians in the United States courts here. Bull-That-Shows-at-the-Time and Old Horn, the two Indians, were indicted for stealing a horse belonging to the Murphy stock company, were acquitted by a jury in ten minutes after the twelve men took the case, and the very officers of the government, in giving bond for the accused good reputation. The government seemed to have a clear case from the testimony of several of its witnesses, but the defense proved the previous good character so readily that it was rather difficult for the jury to find a verdict of guilty.

Tunnel Completed in Two Years.

LIVINGSTON, Mont., Dec. 9.—(Special.)—The famous Muir tunnel will be completed tomorrow, after two years of steady work, and the trains of the Northern Pacific will soon be passing through the tunnel.

ONE WIFE LIVES IN IOWA.

Husband Fled to Canada and the Second Wife Is in Washington.

SAN FRANCISCO, Cal., Dec. 9.—(Special.)—Facts in regard to a romance of three or four states have come to light here in the past few days. A number of years ago May Smith came here from the south to live with her brother, Colonel James Smith. She was reputed to be rich and brought with her from Mississippi the sum of \$100,000. Last summer her father's estate, she was courted by Harry Baird and in 1891 they were married in this city. Soon after the marriage Colonel Smith died and Baird inherited his fortune. Baird was married two years ago and Baird ran through with her property. He had obtained from her a power of attorney for the disposal of property, which has recently been revoked, but too late to save any of the estate. Last spring Baird secured a license to marry Miss Louise, a pretty girl from Iowa, and Baird had struck it rich on the Klondike and sent out a sack of gold. They were married on June 18 by Justice Smalley, Baird giving it that he had been married. Baird sent his first wife an affidavit, setting forth that they had been divorced, urging that she sign and return it to him. He wrote that he had secured a divorce in Mississippi and record of this fact. Baird now lives with relatives in Marshalltown, Ia., and learning that Baird was living with his second wife in Tacoma, she wrote out an information charge him with bigamy and the papers were forwarded to Tacoma. It is evident that he heard of the marriage for he said he had never seen her. She was courted by Harry Baird and in 1891 they were married in this city. Soon after the marriage Colonel Smith died and Baird inherited his fortune. Baird was married two years ago and Baird ran through with her property. He had obtained from her a power of attorney for the disposal of property, which has recently been revoked, but too late to save any of the estate. Last spring Baird secured a license to marry Miss Louise, a pretty girl from Iowa, and Baird had struck it rich on the Klondike and sent out a sack of gold. They were married on June 18 by Justice Smalley, Baird giving it that he had been married. Baird sent his first wife an affidavit, setting forth that they had been divorced, urging that she sign and return it to him. He wrote that he had secured a divorce in Mississippi and record of this fact. Baird now lives with relatives in Marshalltown, Ia., and learning that Baird was living with his second wife in Tacoma, she wrote out an information charge him with bigamy and the papers were forwarded to Tacoma. It is evident that he heard of the marriage for he said he had never seen her. She was courted by Harry Baird and in 1891 they were married in this city. Soon after the marriage Colonel Smith died and Baird inherited his fortune. Baird was married two years ago and Baird ran through with her property. He had obtained from her a power of attorney for the disposal of property, which has recently been revoked, but too late to save any of the estate. Last spring Baird secured a license to marry Miss Louise, a pretty girl from Iowa, and Baird had struck it rich on the Klondike and sent out a sack of gold. They were married on June 18 by Justice Smalley, Baird giving it that he had been married. Baird sent his first wife an affidavit, setting forth that they had been divorced, urging that she sign and return it to him. He wrote that he had secured a divorce in Mississippi and record of this fact. Baird now lives with relatives in Marshalltown, Ia., and learning that Baird was living with his second wife in Tacoma, she wrote out an information charge him with bigamy and the papers were forwarded to Tacoma. It is evident that he heard of the marriage for he said he had never seen her.

California News Notes.

If Santa Barbara will give 2,500 acres of land a sugar factory to cost \$1,000,000 will be built.

A suit intended for Ida Tharp struck her courted set in Los Angeles. Thinking he had killed her, Charles Pratt killed himself.

The superintendent of school buildings in Los Angeles has confessed to having assessed each principal and teacher in the county.

The new railway from Kramer, on the Atlantic & Pacific, to Johannesburg, the metropolis of the Randburg, mining district, opened for traffic December 5.

Unsuccessful efforts have been made to file on the San Clemente island, which is a government reservation, because of the harbor stone quarries there.

A warrant has been asked for the arrest of a printer, a printer, who is charged with a high school, for assault upon Gus Rush, a pupil. Guttery is alleged to have thrown Rush down a pound and choked him in the presence of many pupils of his class.

Henry Barhart of Stockton, a pioneer, died last week. He owned twenty-five farms, or a total of 14,000 acres, in San Joaquin county and was the heaviest taxpayer in the county. He also owned one ranch of 4,200 acres in Soledad county, and another of 1,280 acres in Fresno county.

The California Ink company has a shortage of \$20,000 which is the work of Adolph Burgman, its bookkeeper and cashier. He had been embezzling small amounts during the twenty months of his employment, and concealed his stealing by dropping in a few pennies in the footings of long columns, and then pocketing the amount.

An old miner of Sonora has kept an itemized account of the money he has lost during the past thirty-five years and declares that the average has been slightly over \$100 per annum. He says he has lost no account of gold taken out by artificial means, but only such as was picked up in the public roads after having been washed out by the rains.

Harry J. Debs, who is probably the oldest living pioneer on the Pacific coast, is lying dangerously ill at the home of his daughter in San Jose. He was born in England, in 1808. He arrived in San Francisco, in 1830, on the brig "Druid." On the arrival of Commodore Sloat at Monterey he carried a verbal message to General Fremont, then at Sonoma, that the "Bear" flag must be hoisted.

President Jordan of Stanford university proposes, at the opening of the next semester, to make mine engineering a compulsory one of the most prominent departments. Prof. Waldemar Lindgren has been secured as its head. He is a Freiberg graduate, and has lately been connected with the United States geological survey. In this work he has investigated the quicksilver deposits of California and the gold quartz veins of the state, and on the latter subject he has written a book which is regarded as the chief authority.

Convicted of Manslaughter.

CHEYENNE, Wyo., Dec. 9.—(Special Telegram.)—In the United States court here today Isiah Johnson, a colored private of the Ninth United States Cavalry, was convicted of manslaughter. Johnson shot and killed comrade Charles J. Pauley, during a quarrel over a 50-cent bet in a monte game at Fort Washable in August last. The penalty is ten years imprisonment and \$500 fine. At tomorrow's session Elsie Duval will be tried for the embezzlement of \$700 of the Fort D. A. Russell postoffice funds.

UNABLE TO CATCH MILLER

Chicago Man Sets Too Fast a Pace for His Companions.

NOW OVER EIGHTY MILES IN THE LEAD

His Trainer Announces that With-out an Accident He Cannot Be Overaken in the Race.

NEW YORK, Dec. 9.—Hale's record for 1896 will look ridiculous when the figures in full of this race are put up. In this race Hale outstripped his own figures and was twenty-four miles ahead of them at ninety-two hours. Last year he had 1,306 miles to his credit, and tonight he had covered 1,330.

Stephane, the French rider, from whom so much was expected, was officially declared out of the race tonight. He had not been on the track since this morning. He was thoroughly exhausted.

Miller seems to be absolutely tireless. The rest of the bunch find it hard to keep up with him. He has had over twenty hours sleep since the race started and lots of food is left in him yet.

Arthur Lehr, champion of Germany, who arrived on the Transvaal today, and who will participate in special races at the garden, visited the hall tonight and speaking about the contest said: "I think this is the greatest race I ever saw, and feel sure that it is the greatest one in the world."

Score at 8:15 a. m.: Miles, Laps. Miller 1,330 1 Golden 1,083 6

Reverie 1,274 6 Stephane 1,047 6

Schneider 1,231 6 Gannon 1,029 6

Moore 1,184 6 King 989 6

Waller 1,128 6 Gray 971 6

Hale 1,118 6 Johnson 969 6

Pierce 1,110 6 Bacon 970 6

Elkes 1,089 6 Bacon 972 6

The best previous record for eighty hours was 1,161, made by Hale at the Garden last year.

Score at 9:15 a. m.: Miles, Laps. Miller 1,330 1 Golden 1,083 6

Reverie 1,274 6 Stephane 1,047 6

Schneider 1,231 6 Gannon 1,029 6

Moore 1,184 6 King 989 6

Waller 1,128 6 Gray 971 6

Hale 1,118 6 Johnson 969 6

Pierce 1,110 6 Bacon 970 6

Elkes 1,089 6 Bacon 972 6

The best previous record for eighty-three hours was 1,172 miles, made by Hale.

Score at 1:15 p. m.: Miles, Laps. Miller 1,330 1 Golden 1,083 6

Reverie 1,274 6 Stephane 1,047 6

Schneider 1,231 6 Gannon 1,029 6

Moore 1,184 6 King 989 6

Waller 1,128 6 Gray 971 6

Hale 1,118 6 Johnson 969 6

Pierce 1,110 6 Bacon 970 6

Elkes 1,089 6 Bacon 972 6

The best previous record for ninety-seven hours was 1,235 miles, made by Hale.

Score at 2:15 p. m.: Miles, Laps. Miller 1,330 1 Golden 1,083 6

Reverie 1,274 6 Stephane 1,047 6

Schneider 1,231 6 Gannon 1,029 6

Moore 1,184 6 King 989 6

Waller 1,128 6 Gray 971 6

Hale 1,118 6 Johnson 969 6

Pierce 1,110 6 Bacon 970 6

Elkes 1,089 6 Bacon 972 6

Miller was 212 miles and 1 lap ahead of the record for ninety-five hours.

Score at 3:15 p. m.: Miles, Laps. Miller 1,330 1 Golden 1,083 6

Reverie 1,274 6 Stephane 1,047 6

Schneider 1,231 6 Gannon 1,029 6

Moore 1,184 6 King 989 6

Waller 1,128 6 Gray 971 6

Hale 1,118 6 Johnson 969 6

Pierce 1,110 6 Bacon 970 6

Elkes 1,089 6 Bacon 972 6

Miller was 234 miles and 4 laps ahead of the record for ninety-eight hours.

Score at 4:15 p. m.: Miles, Laps. Miller 1,330 1 Golden 1,083 6

Reverie 1,274 6 Stephane 1,047 6

Schneider 1,231 6 Gannon 1,029 6

Moore 1,184 6 King 989 6

Waller 1,128 6 Gray 971 6

Hale 1,118 6 Johnson 969 6

Pierce 1,110 6 Bacon 970 6

Elkes 1,089 6 Bacon 972 6

Miller was 234 miles and 4 laps ahead of the record for ninety-eight hours.

Now Waiting on Cornell.

NEW HAVEN, Conn., Dec. 9.—The Yale-Harvard-Cornell boating situation is unchanged as a result of the meeting in Albany yesterday of Captains Whitney, Goodrich and Olson, and the crews of the three universities are no nearer to or further from the race than before. The meeting yesterday was in the nature of a talk and nothing further will be done until Cornell is again heard from.

McClintock Gets a Decision.

PITTSBURGH, Pa., Dec. 9.—Jack McClintock, the local featherweight, secured the decision over Joe Leonard of Philadelphia in a four-round boxing contest tonight.

GOLD DUST.

Woman's best friend.

Washing Powder.

Woman's best friend.

Washing Powder.

Woman's best friend.

Washing Powder.

Woman's best friend.

Washing Powder.

Woman's best friend.

Washing Powder.

Woman's best friend.

Washing Powder.

Two ways

to use up clothes—rubbing them on a washboard, and washing them with harmful things. Unless you want to waste money, don't do either. Use Pearlina. Use Pearlina right, and there's no washboard needed. No rubbing to speak of. No wear. No hard work. As for the safety and utter harmlessness of Pearlina, let its twenty years of uninterrupted and constantly-growing success talk. Anything that hurts or weakens the clothes couldn't be used, year in and year out, by millions of careful women.

Beware

Peddlers and some unscrupulous grocers will tell you, "This is as good as" or "the same as Pearlina." IT'S FALSE—Pearlina is never peddled; if your grocer sends you an imitation, be honest—and it's back.

JAMES FYLE, New York

These are only a few of the many items of this rapidly disappearing stock that will make your Christmas giving economical if you buy now.

All "The National's" \$5.00 and \$5.50 Suits \$3.85

" " " \$6.00 Suits and Overcoats \$4.25

" " " \$8.00 Suits and Overcoats \$6.50

" " " \$10.00 Suits and Overcoats \$7.50

" " " \$12.00 Suits and Overcoats \$8.75

And so on, every article marked in red plain figures, over the original mark, by the creditors of this insolvent concern—We'll sell to merchants as large lots as they want or we'll sell you a single garment, all at the same price per garment—Nothing reserved.

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This issue of The Bee, with this handsome supplement, is the best advertisement the Exposition and Omaha has ever had.

Everybody should send a copy of this issue to their friends outside of Omaha. Real estate men, investment companies and business men generally should send copies to their correspondents.

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Part X

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to those who wear spectacles or eyeglasses is