

INTERESTING DATA ABOUT BIG CANAL

CONCISE ANSWERS TO MANY QUESTIONS

Engineer Williams Prepares Valuable Statistical Information

Fact and Figures About the Project It Should Be Preserved For Future Reference

Dimensions of the project are being studied by the Klamath basin every day, and all are desirous of acquiring exact information concerning the work of the United States Reclamation Service on the Klamath project...

of hills along the west side of Klamath lake. Dimensions at head, after discharge of water for power purposes, bottom width, 22 feet; depth of water, 6 1/2 feet; surface of water, 31 1/2 feet; capacity, 250 cubic feet per second. The area of land available for irrigation is 25,000 acres.

Poe Valley lines, to be known as the North and South Poe Valley Laterals, will extend from the ends of the Olene siphon on the East Branch and will, together, have a total length of 26 miles. The dimensions of the North Branch are: bottom width, 6 feet; depth of water, 2 1/2 feet; surface of water, 15 1/2 feet. The dimensions of South Branch are: bottom width 8 feet; depth of water, 4 feet; surface of water, 20 feet; total capacity is 97.5 cubic feet per second. Total length of sub-laterals is 20 miles. Total length of drainage canals is 6. Total area available for irrigation 7740 acres.

Lost River Slough Drainage Line will follow approximately the line of the present Lost River slough and will, when complete, divert the Lost River drainage into the Klamath river. The proposed dimensions are: bottom width, 40 feet; depth of water, 10 feet; surface width, 20 feet; total length, 11 miles; capacity, 500 cubic feet per second, which is from 500 to 1000 cubic feet per second greater than the maximum flow of Lost River. Tule lake will be deprived of its present supply through the channel of Lost River, and it is estimated that evaporation and seepage will permit the reclamation of approximately 30,000 acres of land now under water.

Lower Klamath lake is to be drained by a large cut, or by a tunnel, through Kenon Point and by a dredged canal to the south end of the lake. This will drain and reclaim 47,000 acres of land now under water and in swamps.

The total area of land to be reclaimed under the lower project is 148,770 acres, of which 72,500 is arid and 76,270 swamp-land.

Upper Projects—The water supplying the canal of the upper project is to be supplied by storage reservoirs at Clear Lake and Horse Fly reservoir. The maximum capacity of the former being 462,000 acre feet and of the latter 157,200 acre feet.

The main canal of the upper project is to be located at a point approximately 5 miles above the Malone bridge into the river and across Lost River by inverted siphon at Malone bridge. The dimensions at division point are: bottom width 8 feet; depth of water, 2 1/2 feet; surface width, 23 feet; capacity, 64 cubic feet per second. This branch supplies water for the east side of Langell valley. The west branch follows hills along the west side of Langell valley, with the following dimension: bottom width, 14 feet; depth of water, 5.8 feet. At the head of Poe valley the west branch again divides, the smaller branch being a high line, on the south side of Poe valley and the larger crossing Lost River by inverted siphon; supplies a high line on the north side of Poe valley and also a line around Yonma valley ending near the town of Bonanza. The entire system will supply water for the irrigation of 27,000 in Langell valley, 3500 acres in Poe valley, and 15,000 acres in Yonma valley, making a total area of 45,500 acres under the upper project.

The total area of reclaimed lands under gravity canals is 194,270 acres. To this may be added between 50,000 and 60,000 acres to be reached by pumping plants and making a total of 250,000 in the entire project.

[Note:—A cubic foot of water equals 7 1/2 gallons. A cubic foot per second equals 7 1/2 gallons per second. An acre foot of water is sufficient water to cover one acre one foot in depth and equals 43,560 cubic feet or 3,267,000 gallons.]

PREPARE YOUR LAND.

The following item, taken from the July number of Forestry and Irrigation, was furnished us by Secretary Applegate of the Klamath Water Users Association and illustrates a situation that may confront the landowners under our own project:

"There is some rejoicing and much sorrowing among the farmers under the first 45 miles of the interstate canal, North Platte project. The cause of this paradoxical situation is that the month of June saw the completion of this section of the great ditch, the successful passage of water to the end of the constructed canal and its delivery for irrigation purposes, and like the foolish virgins a large number of settlers were not ready for it." Less than four per cent of the land was ready for the water. The farmers under the Carlsbad project in New Mexico have had the same experience. And, unless there is a decided change in the situation, there is going to be a surprised and sorrowful

lot of farmers under the Klamath project. Next season the government expects to have ready for delivery water for about 12,000 acres, comprising all of the land under the main canal above Lost river slough. If the lands are prepared to receive the water and the large tracts are subdivided and in the hands of persons qualified to acquire a government water right, all will be well and there will be no occasion for delay in the construction of other sections of the project. On the other hand, if the sagebrush is allowed to flourish and the excess lands remain intact, there will indeed be occasion for much sorrowing.

From every section of the project the cry has been "rush the construction of the entire project." And yet few seem to realize the time it requires to get the land in proper condition for water, or that they will be called upon to pay for the water whether they use it or not. Too many seem to regard the construction of the irrigation system as a means of locating the country and thus enabling them to dispose of their land before water is ready for delivery. Such a policy can only result in the depreciation of land values to a point where the purchaser can afford to pay for water that cannot be utilized. Nature has been lavish, Uncle Sam has done much, but the man who fails to do his part will come to grief. The success and progress of the entire project depends very largely upon the judgment and quickness with which the adjustment of the first section is made, the most important factor of which is the matter of getting ready to use the water when it is delivered. The cost must come out of the land. To do this the land must be made productive.

FROM EXCHANGES

(Medford Oregonian.) Mr. and Mrs. J. E. Eby, Miss Katherine Clark of Glendale and H. C. Wortman of Portland of the firm of Olls Wortman & King, leave Wednesday on a trip to Crater Lake and other points of interest in Klamath county.

J. W. Bryant of Klamath Falls was in Medford the forepart of the week, to visit his son, who has been quite sick with hemorrhage of the lungs and is now on his way to Pasadena, Calif. Mr. Bryant is one of Klamath county's prominent citizens and land owners.

Clyde Reagan and Robert Roberts left Tuesday morning on a camping trip. They were accompanied by Geo. P. Lindley, and will visit Pelican Bay, Crater Lake and other points of interest in Klamath county.

Volney Dixon, who has been spending his vacation at Pelican Bay and other points in Klamath county, is in Medford again.

Geo. R. Lindley, cashier of Jackson County Bank, and his family have returned from a trip to Klamath county. (Bonanza Bulletin.)

Mr. and Mrs. Driscoll, parents of Jas. and Dan of the Driscoll Mercantile Co., left yesterday, after a very pleasant visit with their children and friends.

Dr. Hemmaway was in the city Wednesday from Yainax. He brought the mail from there and also came to meet one of the Agency teachers who has been taking her vacation. The Dr. informs us that the India school will open sometime the first of September with about 80 pupils.

Married—At the parsonage Wednesday evening, Aug. 29, 1906, two of Bonanza's well known young people, Mr. George W. Stephens and Miss Winnie Mary Forbes; Rev. R. H. Allen officiating. The wedding was a private affair, Mrs. Allen and Miss Rosa Beck being the only guests present.

Mr. and Mrs. Stephens left Thursday for Langell valley where they will reside on the ranch owned by Mr. Stephens. Their many friends join in wishing them a long prosperous and happy life. (Lakeview Examiner.)

The bond of W. H. Shirk and S. O. Cressler in the Whittemore estate for \$1,140,000.00, has been approved by Judge Baker, in Mosler Co. Cal, and the executors will now take charge of the estate. This is about 5 times the largest bond ever given in that county.

The team belonging to Mark L. Burns ran away Wednesday afternoon. Mr. Burns had a narrow escape from serious injury. The horses were stopped at the power house and no damage was done. It is rather short notice for the preparation of orations for the prize offered by Supt. Wright, but if any high school student wishes to compete, Prof. Swan would like to meet them Friday at the high school at 2 p. m. The high school should have that prize.

Klamath county will be represented at the National Irrigation Congress in Boise by Mr. and Mrs. Frank Ira White Mr. and Mrs. John Shook, Mr. and Mrs. J. Frank Adams, Hon. George T. Baldwin, E. L. Applegate and H. L. Holgate. Oregon will have the strongest delegation at the Congress, and her influence will undoubtedly be an important factor in shaping the action of that body.

HIGH SCHOOL OPENS MONDAY

New Departments Are Added This Year

The Enrollment is Double That of Last Term—Outline of Work

Work will be resumed in the Klamath County High School Monday morning. All indications point to a prosperous term. Almost all the young people who have hitherto attended school elsewhere have returned. The attendance will be almost double that of last year. Many of the new students entering are juniors and seniors.

Advantages are now being offered in the way of school work, which will do to attract students. In fact they can scarcely be excelled in the State.

Many improvements and furnishings are being placed in the building. The laboratory is being equipped both for work in chemistry and physics. While our equipment in this line will not be as large as offered by some schools, it has been selected with such care that it will be found quite efficient and sufficient for present needs. In this respect are offered advantages not found in such high schools at Eugene, Albany, etc.

A set of New International Encyclopedias, the best encyclopedia obtainable, has been purchased. A library of reference texts in science has also been purchased. There will be added a number of reference books in English and history.

The opera chairs for assembly room were ordered in July but have not yet arrived. However it is expected that they will be here soon.

Much work will be done on the grounds this fall. The front will be terraced and sown to grass and planted with shade trees and shrubbery.

The school offers the following work: 4 years of English including a study of English literature and classics; 4 years of history, including Greek, Roman, European, English and American; 2 years of mathematics, algebra, plane and solid geometry; 3 years of science, physical geography, chemistry and physics; German; 4 years of Latin.

Each branch will be taught thoroughly and according to the best methods advocated by educators.

Certain of these subjects are required for graduation; others are elective. For graduation students must complete the equivalent of 16 full year studies, or earn 16 credits.

The commercial department—Full work will be undertaken in the commercial department this year. The work offered there is as follows: 2 years of bookkeeping, 2 years in typewriting, stenography and office practice, 2 years in English including spelling, correspondence and penmanship, United States history, American government, economics and commercial law. Students can complete this work in two years. Students are advised take a two years course. They will then take the required work and elect commercial work and graduate with some credits toward taking academic work.

Reference will be made next week to musical department.

DROWNED IN LAKE EWAUNA

Willie, the 7-year old son of Mr. and Mrs. M. L. Conklin was drowned in Lake Ewauna about 12 o'clock today. With his brother he went swimming and got beyond his depth and drowned before assistance reached him. The body was recovered at half past two.

THE NEW STAGE LINE

Davis and Laird, who have organized a new stage line company, known as the Lakeshore Stage company, are making splendid connections with the southern Pacific trunks at Grass Lake. They have not missed a connection yet. Stages leave Laird's Landing 10 a. m. arrive Grass Lake 4 p. m. Leaves Grass Lake (a. m., arrive Laird's Landing 2 p. m. The new line is meeting with a hearty reception. As construction work progresses on the railroad, the stage trip will be shortened, until it is entirely eliminated, and direct connection is made with the boat.

CONCERT NEXT WEEK.

Mrs. Evelyn Applegate, pianist, Mrs. Don Zomwalt, soprano, and Miss Elsie Applegate, violinist, will give a concert in the Assembly Hall of the High School, Friday evening, September 14. The recognized ability of these artists is certain to assure a splendid attendance, for their superior talents assure a program that will be a musical treat. The proceeds of the concert, the admission fee to which is 50 cents for adults and 25 cents for children, will be used for the benefit of the high school.

J. B. Mason has purchased the Morine place near Bonanza, consisting of 40 acres. The consideration has not been made public.

WESTERN PACIFIC NORTHERN PACIFIC

THESE SYSTEMS MAY COME TO KLAMATH

Representatives of Both Have Been Here on Tour of Inspection

The Proposed Carroll Electric Line Will Be An Important Factor In Proposed Extension Of

Looming up on the horizon of Klamath county's future are the forms of two of America's greatest railroad kings—J. I. Hill, who for years has held the Northwest in his grasp, and George Gould, who is astonishing railroad magnates and financiers by his daring and ability as a master in railway construction and extension. Few realize how often in the past few months the finger of these men and their engineers has pointed towards the Klamath Basin; how representatives of these companies have been here and examined every section of this great basin; and how a detailed report has been made of the result of their findings.

A prominent factor in this proposed line to this basin in the electric line that is contemplated to connect this city with White Lake, Merrill, and Bonanza, and which is being pushed by J. D. Carroll. Its entrance into the arena has been comparatively recent. So recent, in fact that its proposed extension to Lakeview is not generally known and positively denied by Mr. Carroll. But the road is going to be built to Lakeview, and it is this proposed extension that let the cat out of the bag. When the Portland excursionists were here, among their number were several gentlemen from Portland, Everett, Seattle, and Tacoma. Ostensibly they availed themselves of the opportunity to visit this section with agreeable companions and under such circumstances. The real purpose of their visit, however, was to see Mr. Carroll, examine his project, visit various points in the basin, Lakeview, Bly, and Alturas. Their actions aroused considerable speculation at the time, and investigation produced the following results:

The N. C. & O., which is a recognized Gould road, and which is now building into Alturas, will be extended to Lakeview, where connection will be made with the Carroll road and give entrance into the Klamath Basin. From Lakeview the road will be extended to Bly. From Bly it will be built to a low pass in the vicinity of Diamond Lake, thence down the Umpqua valley to Roseburg and on to Coos Bay. The reported control of Corvallis & Eastern, said to have passed to the Gould interests, appears to be erroneous. It is the Hill clique that has been figuring in this property. The road is to be built from Idanha to Oatridge, with a branch to Lakeview via Harney, where it will make connection with the Western Pacific and the Carroll road. Connected with this proposed extension of the Northern Pacific is the present activity of the Weyerhaeuser lumber company in this section. The president and many of the principal stock holders of this great corporation are directors or stock holders in the Northern Pacific. The immense Walker holdings in the Northern part of this county and extending on to Prineville, have been either pooled with or purchased by the Weyerhaeuser company. A further plan is to extend the Klamath Lake road to this city, where, through the Carroll road it can secure an outlet to and connection with the Western Pacific and Northern Pacific.

Mr. Carroll was in the city Tuesday afternoon for a brief period and when questioned in regard to this proposed extension of his enterprise with that of Gould and Hill, he most emphatically denied it. He further denied that an extension of his line to Lakeview was contemplated. However, when it was pointed out to him that the movements of his recent visitors were well known and that it had been positively stated by those who ought to be in a position to know, that his line would be extended to Lakeview, he appeared somewhat embarrassed, and then hedged behind his old statement "I know absolutely nothing about it and have not a word to say."

In view of his determination to be silent, it was not possible to ascertain why Mr. Swartout of Everett made such a close examination of his proposed route and plans, and visited Bly, Lakeview and Alturas. Why Mr. Howitt, reported to be Washington's richest resident, did nearly the same thing. Why that Washington engineer was here for the purpose of making an examination of the country and why that examination extended to Lakeview and the Diamond Lake country. These and many other questions of direct bearing on the question he declined to answer.

But notwithstanding his reticence, that before three years roll by this city will have direct connection with the Northern Pacific and the Western Pacific railroads.

For sale or rent—Good furnished boat house. Inquire at 1115 O'Leary. 25

Judge Brower, who has been enjoying life at Odessa, returned home Wednesday.

Born, August 29, 1906, to Mr. and Mrs. John E. Janssen of Antelope Valley, a daughter.

Just received a full line of the latest patterns in fall dress goods at the City Novelty Store.

J. F. Farragher, attorney for the Klamath Falls Land and Transportation, arrived here Tuesday evening, to be present at the meeting of the stockholders of the company.

A. R. Miller who recently resigned his position as bookkeeper for Mason, Davis Co., contemplates entering the brokerage business in this city, in which line he believes there is a good opening.

C. N. Hawkins and W. K. Brown arrived here last evening from Hollister, for the purpose of attending the meeting of the stockholders of the Klamath Falls Land and Transportation company, which will be held today.

The Weyerhaeuser Lumber company have purchased the land and mill interests of J. W. and M. R. Potter, near Pok-gama, embracing about 1,700 acres of land, the mill, which will be dismantled and sold, and 150,000 feet of lumber.

A student long ago asked the president of Oberlin college if he could not be permitted to take a shorter course of study.

"Oh, yes," replied the president, "but that depends upon what you want to make of yourself. When God wants to make an oak, he takes a hundred years; but when he wants to make a squash, he takes six months."—Instructor.

That Was All. Tenderfoot—I understand there was some difference between Cactus Cal and Alkali Ike.

Buck Haas—They's considerable difference. Cal's dead an' Ike's alive.

Tenderfoot—Yes, but what was the original difference between them that led up to the killing?

Buck Haas—Ike was quicker on the trigger, that's all.—Philadelphia Press.

He Did As He Was Bid. Fair One—Really, I—I am extremely sorry, but I cannot say yes—at present.

Suitor—And yet I dared to hope you loved me.

Fair One—I do, Jack, I do; but yours makes the thirteenth offer I've had and you know how superstitious I am. You must make me again after I've received another proposal.—Ally Sloper.

His Gentle Hint. "How much of a salary do you get?" asked the inquisitive diner.

"Oh, I don't get any salary," replied the obsequious waiter. "The gentlemen that dine here are such perfect gentlemen that I don't need any regular salary or wages."

As the diner reached down into his pocket for a tip he was heard to mutter something about curiosity always being costly.—Chicago Post.

A Fine Arrangement. First Nurse Girl—Seems to me y'r puttin' on a heap o' style drivin' in the park with a moneygrammed kerridge, and coachman and footmen, too. Does y'r missus lend yo her private rig?

Second Nurse Girl—She sends me to take her pet dog out fer an airin'.

"But where's the dog?" "Under th' seat."—N. Y. Weekly.

Will Get His Deserts. Naggus (literary editor, inspecting manuscript)—Your story is good enough so far as I have got, Borus, except that the hero is rather dnoo drawn. He's entirely too good for this world.

Borus (struggling author)—I know it, Naggus. I kill him off in the last chapter.—Chicago Tribune.

Sufficient Reason. He—So Miss Willing has gone to Europe, has she? I thought she was going to marry young Smitherton.

She—She would have married him but for one thing.

He—And that was—? Williamson-McMillan

Miss Pearl McMillan of this city and Mr. Ed. F. Williamson of Chico, California, were married last evening in Portland the ceremony being performed at the Oregon Hotel. Miss McMillan is the daughter of Mrs. McMillan, proprietress of the Lakeside Inn, and one of Klamath Falls most popular young matrons and has a host of friends who wish her much joy and happiness. Mr. Williamson is cashier of the Chico savings bank, and one of Chico's leading citizens. The parents of the bride and groom and a few friends witnessed the ceremony. Mr. and Mrs. Williamson will spend their honeymoon visiting the Soond cities, when they will return to Chico, where they expect to live.