

INFORMATION FOR IRRIGATION

STEPHEN JAYNE MAKES A FEW OBSERVATIONS

Relative Value of the Different Fuels and Power to Be Used in Raising Water

CHICAGO, March 28.—Stephen O. Jayne, United States irrigation expert, stationed at Spokane, Wash., in a lengthy paper on pumping for irrigation, makes the following observations:

Water power by turbine wheels is first choice.

Electric power, when it can be obtained reasonably, is second choice.

A cord of seasoned fir or tamarack wood is equal in fuel value to a ton of Rock Springs coal.

It requires about one pint of gasoline per hour per horse power in gasoline engine, and distillate probably about 50 per cent cheaper.

It requires at least a pound of coal per horse power per hour for the best steam engines obtainable, and about four and a half pounds per horse power per hour for common engines. I would add at least 50 per cent to these amounts of coal to make good in practice.

Centrifugal pumps are not recommended for lifts much over 100 feet.

Where centrifugal pumps are used more power must be provided to do the same work than with plunger pumps.

Large pumping plants are proportionately more economical than small ones.

It requires 1.71 theoretical horse power to raise sufficient water 100 feet high (and other elevations in proportion) to cover ten acres one foot deep in eighty days, and this theoretical power should be doubled to give satisfactory results in practice, or say about three and a half horse power.

The cost of attendance and incidentals must be considered, bearing in mind that turbine water wheels and electric motors need but little attention.

PLAGUE STRICKEN PEOPLE ARE SELLING THEIR CHILDREN

Money Contributed, While Honestly Expended, Is Insufficient for Relief Work

WASHINGTON, D. C., March 23.—That the only salable property remaining to the starving people in the Chinese counties of Nanchow and Mengchen are their children, which are being exchanged for food is the statement of Consul Wilder, in a report to the State Department from Nanking, China. In these two counties alone, he estimates the number of starving at three-quarters of a million.

Outside the city of Nanking 100,000 famine refugees are without food or clothing, and are sleeping in the mud in the open air. Thousands are even lying in the water, the living mingling with the corpses of the dead, which the authorities have failed to remove from the refugee camps.

In the famine districts the people are dying so rapidly that no attempt is made to number the fatalities. By imperial edict taxes have been remitted in three of the famine districts, and it is expected that similar action will be taken throughout the entire famine region.

Consul Wilder reports that the money contributed for famine relief is being honestly expended. The American Red Cross and the State Department are co-operating in sending the money contributed in the United States to China, but much more is needed.

NOW LET'S ALL GET BUSY ON NATIONAL GUARD ORGANIZING

The Sooner the Company Is Formed The Better Shape It Will Be in For Summer Maneuvers

There has been a great deal of favorable comment in Klamath Falls regarding the organization of a National Guard company. Practically everybody seems to be in favor of such an organization, thinking it to be a good thing for the town.

A petition to Adjutant General W. E. Finzer has been drawn up by J. C. Rutenic, asking the head of the Oregon National Guard to take action toward organizing a company here. It is the desire of those interested to get the company started at once, and for that reason they strongly urge all who contemplate joining to affix their names to the petition as soon as possible.

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MIDLAND AND VICINITY

J. W. Smith has been blasting the rocks out of his field near Miller Hill. Chas. Martin and Leo Houston were in Midland Friday, and while here tried their hand at carpenter work. They built a platform in front of the warehouse.

Mr. Davidson drove over to his farm Friday to prepare for putting in his crop.

August Liskey was a Klamath Falls visitor Friday.

J. D. Morgan has taken his stock Jas. Jory's to feed. The mud is so deep that it was impossible to haul hay for them.

Mrs. Donaldson and family of five children, and two brothers of Mrs. Donaldson have moved to the tract of land recently purchased from Mr. C. Chilcote. They are from Pennsylvania.

Poley Stiles and wife moved to Klamath Falls Saturday.

J. D. Morgan began farming Friday.

Mr. McLean's sister visited him last week, then returned to her home in the East.

Jas. Kelly and Ed Gilroy drove to Klamath Falls Wednesday.

August Liskey lost three of his work horses Sunday, and started to hunt them, going to Swan Lake and then to Bly. He found two of the horses near Olene on his return, and found the other one near Midland. He and Allison Davidson spent most of Wednesday in trying to catch the runaways.

Charles Kastle is working for Mr. Hayden.

Mr. Tingley is reported to have planted some potatoes.

J. D. Hooper was in town Friday.

Mr. Lee is loading a car of grain for Martin Brothers.

Mrs. Myers spent Saturday in Midland, visiting her son Jacob.

John Kelly is working for J. W. Deputy.

Homer Deputy and wife departed on Monday's train for Seattle, after a visit with J. W. Deputy.

Mr. Lyon's daughter went to Klamath Falls Tuesday night.

Homer Deputy brought a load of grain from Whitelake Monday.

BONANZA BREVITIES

The Bonanza Literary society has adjourned its meetings for the winter. All the meetings have been well attended, and in every way the society has been a success.

There may be occasions that will excuse the arrest of the wrong man, but when the police force of a town, in broad daylight, and with the real malefactor standing by, snug and smiling, and when these facts are common knowledge, then no excuse for the action is available. On last Sunday afternoon our saloon keepers had filled the Indians with vile liquor, then, to show the awful majesty of the law, our police force threw the Indians in jail. Why not try the remedy on the right man?

Next Friday the Rebekahs of Bonanza will give a box social in Bauman's hall.

The campaign instituted by the Bachelors' club, to bring marriageable young ladies to our country, is bringing results. It was decided by lot that Dr. Hitchcock was to have the first lady imported, and we notice that he has his cards sent to friends.

Most of our farmers are quite busy getting the soil ready for crops. A few of them, however, are putting in their hardest licks hanging around our dives and fishing for suckers.

POE VALLEY NEWS

Vivian R. Evans returned home Thursday from Gridley, Calif., where he had been visiting with friends and relatives for the past month.

Chas. Kester and wife went to Klamath Falls Tuesday.

Wm. Marcho and wife went to the Falls Tuesday.

H. H. Roberts, wife and daughter, went to the Falls Saturday.

Lossen Ross went to the Falls last Thursday. He started to hauling cream to the Falls Tuesday.

Clarence Holmes and Fred Eglington went to Klamath Falls Tuesday.

S. H. Griffith and wife went to the Falls Thursday.

Francis Frner went to the Falls Saturday. He returned home Sunday.

C. C. Van Meter and G. H. Van Meter were transacting some business in the Falls Saturday.

Mrs. Mary Mark and daughter Alberta went to Klamath Falls Monday.

Archie Roberts went to Olene Monday.

E. W. and J. T. Roberts went to the Falls Monday.

John McFall and wife were visiting E. W. Roberts Sunday.

DAIRY DOTS AND DASHES

With his eye swollen shut Herbert Arant of Pine Flat came into Dairy the other morning looking very much as if he had recently seen Kelly. Too close an intimacy with a hive of bees was his excuse for the disfigurement.

W. P. Sedge is the champion sucker fisherman hereabouts. He caught nearly 200 in a day and night over at the Upper Gap. He had no license to catch so many.

Plowing has been commenced by many farmers in the Valley.

Tolbert Keithley has made a new contrivance in the way of an incubator, which he says is a pronounced success. He made one that he says cost him just 17 cents. He took a square box about two feet square. Into this he placed the eggs. On top of this box he placed a common washtub, and in the center of this he placed a five-gallon kerosene can, filling the space between the tub and the can with sawdust and packing it down well. He then filled the can with hot water and covered it well on top with a folded coverlet. "And there ye are!" The water keeps the eggs at 102 degrees of heat, and that does the business. A big tub with a smaller one on top would be a good substitute for the box, he says. The satisfaction of doing a favor to the public is ample reward for his invention.

The early marriage of a certain young bachelor with a young woman in the Valley is on the tongues of the gossipers about Dairy. Hope it comes true.

Brown Michael's irrigating dam broke again last week, and the water overflowed some 40 acres of his farm on Pine Flat. The breakage was repaired last Thursday, and he thinks he will still have plenty of water to irrigate his farm.

The roads have improved wonderfully during the past week, but are still very bad in places.

Pat Calahan's dam at the foot of his place broke last Thursday, and the water well nigh flooded the lowlands along Buck Creek a day later. Supervisor Pearson was busy next day in repairing the bridges in the Drew lane.

Chas McCumber has received a letter from Charley Horton, in which he says he has let the contract for the building of his reservoir dam in the north part of the Valley, and work will begin as soon as possible for the irrigation of some 2,000 acres of land below it.

With the improvement of the roads business in Dairy is picking up "right smart," as the Hoosters say.

Messrs John A. Jones and Paul Schirmelster (Shorty) have gotten out a petition for securing a license for a saloon in Dairy, and are circulating it for signers. It is doubtful if they succeed in getting the required number, as the people of the village are very much opposed to having a saloon there, and succeeded recently in defeating a similar petition gotten out by Fred Harpold. The general conviction is that no saloon can be made profitable here if conducted legally.

G. G. Anderson, the Dairy hotel man, recently made a visit among relatives and friends at Ashland and Talent, returning home on the 21st inst.

The Liskey boys have a number of work horses to sell on the Chas Liskey place on Pine Flat.

Charley Liskey has recently gone to Dorris, Calif., to reside.

Harry Mills, the homesteader living north of Fred Becks, has about completed the building of a neat and commodious dwelling house, and now only needs a good wife to keep it in good order to complete the sum of his happiness. Harry is a good fellow, and were it not for his modesty could no doubt easily find a maiden suitable to fit the occasion and his circumstances. If there are any girls in the county who want a good husband, let them speak up.

The Dairy public school, assisted by members of the Hildebrand school, gave a musical entertainment last Friday evening that was listened to by a large audience with much pleasure. The teacher, Mr. B. M. Hall, is an admirable trainer in vocal music, as the result showed.

The most largely attended and successful dancing party that Dairy has enjoyed for many a day came off Friday evening, March 17th, at the hall over the old Davies store. Everybody

seemed to have turned out and engaged in the pastime with zest and entire satisfaction. It was a rare occasion. The supper, too, was a fine affair.

The Mike Broad "forty" is to be cleared of brush and improved. Some parties arrived from Klamath Falls last week with a team and implements fitted for the work. They will live on the Peterson place while doing the work.

Everybody is interested in knowing when the irrigation contracts for the Horsey project are to come for signing up, as one and all now see, more than ever, the necessity of having water for their lands. Since it has been demonstrated by such acute and conservative financiers and practical farmers as Chas. Horton and Louis Gerber that average farm land, under irrigation, will produce enough in average crops to make the land pay interest at 6 per cent on a valuation of \$227 an acre, one and all are anxious to have the water—even if it should cost \$50, or even more, to secure it. Men who last spring doubted whether or not their land would produce enough to pay the cost of irrigation at \$39 an acre, are now convinced that they would better pay twice that sum than miss getting the water. The report was given out some time ago that the contracts would be on hand by March 15th, but for some reason they have not yet arrived, to my knowledge, at this writing. Every one is wondering at this delay in their arrival.

By a real estate deal last Thursday, G. W. Sloper and R. Sloper purchased five lots in Darrow Addition from Frank Ira White. These lots face on Union avenue. It is the intention of the owners to erect a residence on their newly acquired property.

A FEW SPECIALS
IN FARM LANDS. We have some of the best farms in the Valley on our list, and would be pleased to show them.

FINE ALFALFA FARM, 80 acres. Good house, large barn, chicken houses and other outbuildings; windmill and grain grinder; SEVENTY ACRES ALFALFA; well located, fronts on main road and Lost River; near school, church and proposed depot. This year crop should bring \$2,500. Price \$100 per acre; \$3,000 cash, balance easy terms.

ANOTHER GOOD ONE adjoining the above; 164 acres, all under irrigation except three acres; 12 acres alfalfa; 5-room house, large barn, good binder, two gang plows, interest in fanning mill, wagon, 5 head horses, harness, one cow; everything included at \$75 per acre, one-third cash.

EIGHTY ACRE TRACT, all under irrigation and cultivation; splendid alfalfa land; 7 acres now in alfalfa. This place will please you. Price \$80 per acre. Terms.

RAW SAGEBRUSH LAND, 120 acres; part of this will come under the ditch; 40 acres fenced. One of the best buys in the valley. Only \$17 per acre, one-half cash.

CLOSE-IN TRACT, 12 1/2 acres on main Merrill road; just the place for a chicken ranch. Price \$1,625, part cash.

WE HAVE SOME GOOD FARM LAND FOR RENT, for share of crop. See us at once.

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NOTICE FOR PUBLICATION
(Not Coal Land)
Department of the Interior, United States Land Office at Lakeview, Oregon, January 25, 1911.

Notice is hereby given that August Piel, whose postoffice address is Klamath Falls, Oregon, did, on the 7th day of April, 1910, file in this office sworn statement and application, No. 03285, to purchase the N 1/2 SW 1/4, S 1/2 NW 1/4 section 5, township 37 S, range 10 E, Willamette meridian, and the timber thereon, under the provisions of the act of June 3, 1878, and acts amendatory, known as the "Timber and Stone Law," at such value as might be fixed by appraisement, and that, pursuant to such application, the land and timber thereon have been estimated and valued by the applicant, the timber estimated \$80,000 board feet at 50 cents per M, and the land nothing; that said applicant will offer final proof in support of his application and sworn statement on the 5th day of April, 1911, before United States Commissioner R. M. Richardson, at Klamath Falls, Oregon.

Any person is at liberty to protest this purchase before entry, or initiate a contest at any time before patent issues, by filing a corroborated affidavit in this office, alleging facts which would defeat the entry.

ARTHUR W. ORTON,
Register.

2-2-3-30.



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