

CENTRAL POINT HERALD

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CENTRAL POINT OREGON THURSDAY, JANUARY 28, 1909.

NO. 41

Local and Personal

COOK WANTED—Apply to H. T. Pankey, Snowy Butte orchards.

When in Medford, go to the Emerick for your dinner. W. E. Johnson, proprietor.

Dr. E. Davis, the dentist, will be in his Central Point office from February 8th to 13th.

Remember the dates for Dr. Davis, the dentist, Central Point, February 8th to 13th.

Call at the Herald office and get free sample copy of Human Life. A year's subscription free to all paid-in-advance subscribers to the Herald. Get busy.

FOR SALE—Good cull apples all kinds, apple cider, cider vinegar. Delivered to all Central Point on order. Old Leever ranch, two miles west from Central Point.—A. J. Dunlap.

Mr. Nicholson, who has been a sufferer from paralysis for the past year, has been removed to the home of his son, Arthur Nicholson, on the Jacksonville road, where he can be more readily cared for.

Christian Science services are held every Sunday morning in the Masonic lodge room, opera house building, at 11:00 o'clock. All are invited to attend these services. Subject for Sunday, January 31st, "Love."

I. C. Robnett has returned from Portland and other Willamette valley points. While north Mr. Robnett took the 32 degree in Masonry, and went to Salem and secured the election of Governor Chamberlain to the U. S. senate.

Mr. Reinsforth, who purchased a tract of the Neidemier place on the Jacksonville road and built a fine bungalow there, has finished planting 100,000 strawberry plants and expects to have a fair crop of berries next season.

J. L. Campbell, editor of the Glendale News, and O. H. Mortonson and Jesse Todd, prominent residents of that thriving city, were here Saturday night visiting the local Odd Fellows lodge. They reported seven inches of snow at Glendale when they left.

FOR SALE—Our entire herd of fine Jersey dairy cows, nearly all to be fresh in about 30 days. Will sell one or more, to suit; also 5 yearlings, 10 calves and 8 shoats. Can be seen at the Hensley place, near Central Point. Call on or address Marshall & Sons, Central Point, Oregon.

John May has moved from town to the F. M. Hurley farm, where he will look after the place pending Mr. Hurley's return from the east, where himself and family are spending the winter. Since going to Illinois Mr. and Mrs. Hurley and their son have all been attacked with smallpox and, while not dangerously ill, the experience detracted somewhat from the enjoyment of their visit.

Sam Murray, the groceryman, is a booster for this climate, as everyone who ever heard him know. The other day Mr. Murray took a load of groceries out to P. J. Bean's camp in the Willow Spring mining district, and he says that until then he never fully realized the truth of this climate. Sam thought the bean a very tender plant, that could not flourish in Winter, but says that on that trip he found a half dozen as fine young bean plants as you could wish to see and the cold wave had not hurt them a bit.

Money in Turkeys

John Sisty, of Willow Springs precinct, related the other day how he saved his young orchard and farm crops from the grasshoppers last Summer. After putting in several days' hard, hot work spraying his trees with different kinds of "dope" that had been recommended as death to grasshoppers and finding that the only trouble was to get the pesky things to eat it—which they wouldn't do—Mr. Sisty changed his tactics and went out among his neighbors and bought up all the turkeys he could find for sale. He secured 140 of the great American birds, took them home and put them to work eating the hoppers. Mr. Sisty says he counted the number of hoppers a turkey could pick up in a minute and found that the average was about 25 per minute for each turkey, 1500 an hour, or a total of 210,000 her hour for the whole flock. Working 10 hours a day this would mean that the 140 turkeys would get away with 2,100,000 hoppers every day, which is going some in the way of killing off grasshoppers. Seriously, however, Mr. Sisty says the turkeys soon cleaned up all the hoppers and after the first day or so the damage done to his young trees and crops was merely nominal, and in addition to saving his crops and trees he found the turkey crop highly profitable when Fall came. After buying the turkeys and paying all expenses connected with their keep, including a large and well arranged poultry house, which is a permanent improvement, he cleared \$1.00 a head on the flock. The neighbor who sold him the turkeys says that he lost more than \$500 in damage done to his crops after the turkeys were sold.

APPLEGATE MAKES REPORT

Favors Well and Pumping System. Cost of First-class Plant Approximates \$25,000.

Peter Applegate, the well-known civil engineer, who was employed some time ago by the water committee of the town council to make a comprehensive report of the installation of a water system for Central Point, came over from Jacksonville Tuesday evening and submitted his report to the committee. The report will be passed into the council at the regular meeting next Monday evening, when, it may be assumed, something definite in the water situation will begin to develop. The report in full follows:

JACKSONVILLE, Or., Jan. 25, 1909.—To the City Council of Central Point, Oregon—Gentlemen: Pursuant to the request of the water committee of your honorable body, I have made as thorough an investigation of your water proposition as I am able to do at this time.

Source of Supply.

There is no source of supply within the financial reach of the town at this time where an adequate water supply could be obtained by gravity by location, as vacant water. There is a small spring at Willow Springs that has been mentioned to me, but the report on the flow of water does not indicate sufficient flow to warrant the expense of bringing it into the city, provided there were no legal obstacles to be overcome; as there does not seem to be sufficient to fill a two-inch pipe. If a two-inch stream is all that you can get, you had best reduce the size of your town now to fit it.

There are three other sources of supply. First, Rogue river, distant about four and one-half miles. Water could be pumped from there into Central Point, but the cost would be large and the maintenance would be expensive. Ten-inch wood pipe laid would cost about \$18,000, and there would probably be legal difficulties to be overcome or a royalty to pay, as the water at this point belongs to a corporation, or at least is claimed by them. Another source of supply is the city of Medford water supply from Fish lake, either by tapping their reservoir or the pipe leading from Fish lake. I am not able to say at this time whether this could be done or not. It is simply a suggestion.

There is a possibility that you might develop an adequate supply of water by sinking. This would cost you several thousand dollars less than to pump from Rogue river; that is, you would have the cost of the pipe, about \$18,000, as a fund with which to develop water. I have made an estimate of the amount of pipe the city would need; in fact, the estimate probably covers more pipe than you would need at this time. It is as follows:

Presuming you should succeed in developing the water at the city park:

There would be 5000 feet of 6-inch main, costing, if of cast iron, kalamined and asphalted, presumed to be the best pipe made, 66 cents per foot. \$ 3,300
10,400 feet 4-inch laterals, same pipe, at 42 cents per foot. 4,368

Total \$ 7,668

Same amount of cast iron pipe, asphalted only 6,440

Same amount of wood pipe, guaranteed to stand 150 pounds' pressure 4,142

Pipe hydrants cost from \$27.50 to \$35 each.

A 60,000-gallon redwood tank costs 525

A 70-foot tower to support tank costs 1,000

Fittings and hydrants would cost about 1,200

Cost of laying iron pipe, approximately 1,500

Cost of laying wood pipe, approximately 1,100

Power.

Steam power costs in fuel, besides attendance, about 6 pounds coal per horse power per hour. With coal at \$10 per ton it would require an expense for fuel of 75 cents per hour to pump 20,000 gallons of water per hour 175 feet high.

Gas-producer engines are guaranteed not to require more than one and one-half pounds of coal per hour per brake horse power, and a speed regulation that shall not vary to exceed 2 per cent when operating on any and all loads between 25 per cent of full load and full rated load.

I have therefore secured quotations on gas-producer engines, viz: The price quoted for two complete 30-horse power gas-producer engines, complete, with the services of an erecting en-

gineer, f. o. b. Kansas City, \$5,500
Shipping weight is 36,000 pounds.
A 35-horse power electric motor
f. o. b. Central Point, complete,
costs 1,000

Pumps.

I have quotations for two pumps that I consider the best made, the capacity to be 350 gallons of water per minute against a total head of 175 feet, when operating in its normal condition, f. o. b. factory, Allentown, Pa., \$1920.
Shipping weight is 25,000 pounds.

These pumps are equipped with a relief valve whereby when the pressure gets above the safety point it will pass into the suction relieving the discharge line from danger of over-pressure.

Recapitulation.

5000 feet 6-inch best pipe hereinafore described, at 66 cents per foot \$ 3,300
10,400 feet 4-inch pipe at 42 cents per foot 4,368
Estimated cost of fittings and hydrants 1,200
Cost of excavating and laying same 1,500

Total \$10,368

Same amount asphalt coated pipe laid, with hydrants and fittings 9,140

Wood pipe, same amount and dimensions, laid, with fittings and hydrants 6,442

The above are prices for pipe f. o. b. Central Point, Oregon.

A tank and tower would cost about \$ 1,500

Pumps, Allentown, Pa. 2,000

Gas engine, Kansas City 5,500

Estimated freight charges 750

Cost of setting up, estimated. . . 1,000

Total \$10,750

Maying a grand total if Kal. pipe is used, \$21,118, with 20 per cent for safety, total. . . 25,341

Asphalt coated, \$19,890, with 20 per cent for safety 23,868

Wood pipe, \$17,192, with 20 per cent for safety 20,630

The 20 per cent for safety may seem excessive, but it is always advisable in making rough estimates to insure results.

General Remarks.

In the event that you secured water from the Fish Lake company at Medford or an equal distance, the cost would approximate the same as the pipeline to Rogue river, but you could cut out the pumping plant and its maintenance and expense of pumping. Medford would have the water to spare for a good many years to come. It will probably be several years before their daily use would amount to four million gallons. This would make the total cost approximately \$30,000 to \$35,000.

If the Condor Water Power company furnish the power at a minimum of \$1.75 the probable cost would be from \$62 to \$175 per month, if we install a 35-horse power motor.

Gas-producer engines, if run four hours per day on \$20 coal (this would be good coal or charcoal) would cost \$1.80 per day or \$54 per month. (Charcoal at 1 cent per pound is about 7 per cord for fire wood and \$1 for making it into charcoal.) This would cover the town's present consumption and perhaps for some time to come, as it would mean 80,000 gallons per day, or you could pump 480,000 gallons daily for \$10.80 per day, or \$324 per month. If the Rock Springs coal is as good as it is claimed for it, you could cut these figures in two or call the expense for fuel \$27 to \$162 per month, thus making cost for pumping in fuel 11-8 to 2 1/2 cents per thousand gallons 175 feet high.

If coal that will do the work should be developed in this valley it would undoubtedly reduce the fuel expense to less than 60 cents per thousand gallons.

I am strongly in favor of the gas-producer system, but I believe that for the present an arrangement with the electric people would be advisable, as it would save several thousand dollars' expense in installation of the system. The minimum motor rate would cover your pumping expense for some time and in the event of the development of \$5 coal in the valley they would have to reduce their rates to meet competition.

You can get a 35-horse power electric motor for \$1000, laid down in Central Point. This motor will have a speed of 900 revolutions per minute. By putting in a counter shaft you can run either pump you want to. This would allow you to install your plant for \$4500 less on the item of power, or with an allowance of \$2500 for developing water, Kal. \$23,000, Asp. \$21,500, Wood \$18,230, including 20 per cent.

In conclusion, will say that I believe you can install your system by development of water by sinking for less money than it would cost you to run a pipeline to any other source of supply, and that your actual cost for water would be less; and that the heartfelt desire of all pioneers of civilization would be achieved: You would be free and independent.

Hoping that the foregoing remarks will be accepted in the spirit in which they have been prepared—in good faith and with kindness, I remain,

PETER APPLGATE.

WORK FOR GOOD ROADS

Important Measures to be Presented at Present Session of Legislature.

One of the most important subjects before the present session of the legislature is that of good roads, and a summary of the bills which will be introduced this Winter will no doubt prove of interest to our readers.

The Johnson bill provides for the appointment of a State Highway Commission of three members, one from the state at large, who shall be a civil engineer, and one from each congressional district.

The resident owners of real estate within two miles of either side of any road may petition the county court for its improvement. If approved by that body, it shall be recommended to the State Commission and, if approved by it, the cost of said improvement shall be ascertained, and if satisfactory to the county court and the property owners affected, the road shall be constructed under the direction of the State Road Engineer. The cost of such work shall be divided as follows:

Three-eighths of the cost shall be borne by the state, three-eighths by the county and two-eighths by the property owners in the district petitioning for the road, the part borne by the property owners to be divided into six annual payments. The amount to be paid by each property owner is to be ascertained by appraisers to be appointed by the county court, the basis for such apportionment to be the relative benefit the road will be to each property owner.

Provision is made for modifying and changing the districts as the topography of the country and other conditions may require, and it is also provided that in cases where it appears just, the county may assume a portion or all of the two-eighths cost supposed to be paid by the property owners.

The amount to be expended by the state for roads in any one year is limited to one-half of one mill upon the assessed valuation of the property in the state. The county shall determine what roads shall be improved, but the Highway Commission may, for good and sufficient reasons, refuse to sanction the improvement.

The bill provides that the principal roads of the county shall be first improved and leaves the selection of the particular roads to the county court.

Another bill which has been prepared provides for working prisoners in the county, town or city jails on the public roads, those serving sentences to be compelled to work during the time of their sentence and those serving out fines at the rate of \$2.00 a day until such fine is paid. Provision is made for the transfer of prisoners from one county to another where circumstances make such a course desirable; also for credits for good conduct, not to exceed 5 days in any one month, and bread and

Good Work at O. A. C.

H. T. Pankey returned Sunday from Corvallis, where he addressed the students of the short course classes at the Oregon Agricultural College last Friday evening. Mr. Pankey is rather modest in talking of the meeting which he addressed, but when interviewed it developed that he was the only speaker at that session and that the audience was a large one.

There have been many improvements at the college since Mr. Pankey's last visit there, two years ago, and the practical work in agriculture, horticulture, mechanics and other live and modern topics is greater there than at any similar institution in the United States. As evidence of that fact Mr. Pankey states that there are students at Corvallis this Winter taking the short course from many states as far east as Illinois.

water for all prisoners who are able to work but refuse to do so, and such time as he may refuse to work is not to be counted as served on his sentence.

Another bill provides for the working of all convicts in the state penitentiary on the public roads of the state under the supervision of the "Convict Labor Board." The several counties desiring this labor shall file requests with the Convict Labor Board, and upon the same being granted, the counties shall bear all the expenses of transporting, guarding, feeding and keeping the convicts while at work in such county. It is also provided that, in case all the convicts are not taken by the counties, the Board may secure rock quarries and rock crushers in different sections of the state and employ the convicts in preparing crushed rock for road building, the same to be sold to the several counties at actual cost of production. This bill would, if enacted, remove the objection of convict labor in competition with free labor, as is now the case, many of the convicts now being hired out to a stove manufacturing company at 35 cents a day.

Lame Shoulder.

This is a common form of muscular rheumatism. No internal treatment is needed. Apply Chamberlain's Liniment freely twice a day and a quick cure is certain. This liniment has proven especially valuable for muscular and chronic rheumatism, and is sure to give quick relief. Chamberlain's Liniment is also most excellent for sprains and bruises. Price, 25 cents; large size 50 cents. For sale by Mary A. Mee.

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