

EXPERIMENTS GO ON

HAWLEY SUCCEEDS IN RETAINING \$5000 APPROPRIATION.

Department of Agriculture Seeking Process of Extracting Chemical Products.

Only after a determined fight was Representative Hawley of this congressional district, able to hold in the agricultural appropriation bill an appropriation for \$5000 to continue the study of methods of clearing logged-off lands with a view to their utilization for agricultural purposes and with a further view to developing a process of stump distillation by which the cost of clearing may be recovered. Such an appropriation has been carried in the past two agricultural bills. The studies conducted by the department, however, are not completed, though the work of the past two years has developed valuable information as to various processes of removing stumps by blasting and by burning.

These two methods of getting rid of stumps, however, represent a dead loss to the farmer, for, in the first instance, he must buy powder or dynamite, and in the second instance, considerable time must be spent in burning out the stumps, with no recovery. Investigations conducted independently by the University of Idaho have shown that stumps can be distilled, or treated chemically, and that the turpentine, oils, resins, alcohol and other products recovered by distillation will be of such value as to repay the farmer for the cost of clearing his land.

It yet remains to devise some thoroughly practical means of distilling stumps. This can now be done by skilled chemists, but not by the average farmer, and the department, if it can secure the funds, intends during the coming year to make experiments with a view to devising a process which farmers can use on their own land. Stump distillation, to be profitable, must be reduced to a simple process and must be done on the ground where the stumps are removed.

Eastern democratic congressmen made a strong fight to kill this item in the agricultural bill, attacking it on technical grounds and on the further ground that it was designed to help the large lumber companies of the west. Mr. Hawley showed that this appropriation was no more subject to a point of order than are the appropriations for the eradication of the cotton boll weevil, the cattle tick and other items in which the east and south are interested, and intimated that if his provision were stricken from the bill on a point of order, he would raise a similar point of order against other appropriations which the south is demanding.

This threat was effective. Mr. Hawley then had no difficulty in convincing the house that the stump removal and distillation experiments were designed primarily to aid the farmers.

WHITE TALKS OF ELECTRICITY.

Says Electrical Energy Will Supercede Gasoline Engine on Farm.

"It has been demonstrated time and time again that the electric method of doing things tends for greater efficiency. The great problem has always been how to connect the producer and the consumer," said J. L. White of Albany, formerly manager of the Oregon Power company in Dallas, who read a paper on "Electricity in the Rural Districts" at the special commonwealth conference at the University of Oregon. Mr. White showed how the densely populated eastern states offer the most promising field for exploiting electricity in rural districts, and told how the farmers of the Pacific coast are not yet using electricity extensively except for irrigation. He believes that electricity will finally supersede the gasoline engine entirely.

"Besides for operating machinery the uses in the home are many," said the speaker. "It is much more appealing to the housewife to use the electric flatiron, the electric washer, and the electric toaster."

Mr. White said it would not pay to make long and costly transmission line extensions solely for the purpose of serving a scattered farm load, however, although it was true that a farm load would pay as a side issue when such extensions existed or were being made to take care of other business. But he also believed that before many years the Oregon country would be covered by a network of transmission and distributing lines reaching far out from a central point to the small communities.

"We can re-fertilize our lands, cultivate them, harvest, and transport our crops to market, cook our meals, light and heat our homes, and do it efficiently all by electricity," concluded Mr. White.

Hornbrook Gets Fat Job.

William Hornbrook of Albany has been appointed by President Wilson as minister to Siam. His salary is \$10,000 a year. Mr. Hornbrook is publisher of the Albany Democrat and

made a hit with Chamberlain by putting up a vigorous fight against Booth. He is known to several in Dallas, having attended the editorial association meeting held here last summer.

SQUABBLE OVER LICENSE FEE.

Assignee and Attorney Each Claim Chitty Refund From Saloon Fee.

An action at law will probably be instituted in the near future to determine to whom the council shall refund \$750 saloon license money paid by James V. Chitty. After the license had been issued Mr. Chitty gave to Mr. Nieheimer a power of attorney, the purpose of which was to permit that gentleman to conduct the business for the benefit of Chitty's creditors, subsequently to which act he made an assignment to Mr. Middleton. Both Mr. Nieheimer and Mr. Middleton claim title to the unused amount of the license.

Attorney Holman appeared before the council at its last session and explained the situation to the aldermanic body by saying that the power of attorney was given to carry on the business, the refund coming after the business had been closed by a vote of the people which declared Dallas dry. Mr. Holman told the council that unless the money was forthcoming to Mr. Middleton the case would be tried out in the court, to which the city took the same stand as on a previous occasion when demand of a like nature was made upon it. The council acknowledges the indebtedness to some one, and is perfectly willing to have the court decide to whom the \$750 shall be paid.

REPORT IS CONFIRMED.

Southern Pacific Will Take Over Subsidiaries Within State.

The report that the Southern Pacific would soon take over all subsidiaries in Oregon has been confirmed. This will mean the merging of six rail lines in Oregon into the parent Southern Pacific corporation and the operation of all under one management. The Southern Pacific owns the capital stock of these various lines, and the purchase now under consideration is in accordance with this stock ownership. The actual transfer is largely a matter of bookkeeping.

It is expected that the following rail-lines, with their indicated mileage, will be gathered into one organization under the Southern Pacific management: Salem, Falls City & Western, 28.2; Portland, Eugene & Eastern, 24.5; Corvallis & Eastern, 140.2; Willamette Pacific, completed track, Eugene to Mapleton, 58; Pacific Railway & Navigation, 91.2; and Southern Pacific lines in Oregon, 730.88. This makes a total mileage of 1198.98, all within the state.

Move for More Water.

When weather permits City Engineer Taylor will make an investigation of the available water adjacent to the intake with a view to securing an additional supply for the city. Alderman Miller's idea was to have Mr. Taylor undertake the work forthwith that the information might be in possession of the council as soon as possible, but it was suggested that the present was not an opportune time to make the necessary survey, and the council deferred action until the close of the rainy season. The water committee, however, was instructed to take the matter in hand and to have the work performed as early as convenient.

The parties who control the land are favorable to permitting Dallas to take an additional supply of water from the streams, and have offered to protect it in this matter, although they have been approached from other sources.

Rumor Without Foundation.

The rumor that Capt. Stafrin may be deposed from the captaincy of the Dallas company, Oregon National Guard, is entirely without foundation, and from what source it emanated is somewhat of a mystery. General White, the new commandant, is high in his praise of Capt. Stafrin as an officer of the guard, and says his removal would be detrimental not only to the best interests of the local company but to the state organization as well. The Observer was slow to believe the rumor as published, and took the trouble to ascertain the truthfulness, or rather untruthfulness, of the story.

Groundhog Day.

The groundhog came out of his hole Tuesday after a winter's sleep. Not seeing his shadow, he went back to sleep six weeks longer, indicating, according to tradition, that there will be then many more days of winter weather. If he had seen his shadow, the same tradition has it, he would have stayed out, indicating that spring is just about here.

City Engineer B. S. Taylor has returned from a week's sojourn in Southern Oregon. He reports that business in that section is on the mend.

* AMONG FARMERS *

One of the very profitable feeds for fowls is green cut bone, and whether a person has many or few fowls, he will find it well to have this on hand. Dry bones will be eaten, but are much less relished and of much less value than fresh bone ground into small pieces. The green bone is a great help to growing chicks and to laying hens, but the best results of all are in the colder seasons of the year. All fowls will eat readily of it, and there is consequently some danger of over-feeding.

There are two very valuable food substances in green bone; protein, such as is contained in meat, milk curd and all animal products; and phosphorus. Fowls find animal protein a necessity if they are to lay more than a few eggs and the protein in green bone is one of its most important advantages. The other great food substance, phosphorus, is one of the leading substances in blood, nerve tissue and in the egg itself, and in all seeds of materials, such as eggs and milk, related to the development of new life. Through the amount of phosphorus contained in eggs, the phosphorus, which is abundant in all bones, is especially valuable, and is healthful for the fowls. The lime of bones, also a necessity to fowls, and the fat likewise help to give green bone the great value that it has.

Dry bone has lost this protein and fat and is of less value in other ways than green bone. When bone is burned, much of its value is destroyed, though it is easily broken up. It can also be softened by steaming, which does not injure it, or a bone cutter can be secured which will more than pay for itself in the improvement of the flock and some money can be made from it by grinding bones for others.

Suppose a field 40x80 rods is to be plowed. Let us consider the actual advantage of running the furrows the long way as against running them the short way. If the plow is drawn at the rate of two miles per hour, 3.3 per cent of the time of plowing crosswise is consumed in turning, while by plowing lengthwise 1.6 per cent would be consumed in turning. If a 12-inch 2-way plow is used the number of furrows lengthwise will be 660, while the number crosswise will be 1,320. There will, therefore, be 660 turnings in plowing lengthwise, and twice as many in plowing crosswise. If we may assume 30 seconds are required for once turning, the total time spent in turning is 330 minutes or 5½ hours for the one, and 660 minutes or 11 hours for the other. There are, of course, other economic advantages in plowing the long way.—Colorado Agricultural College.

It is estimated that cattle to the value of more than \$1,000,000 have been lost during the present outbreak of foot and mouth disease. Of this sum the government pays \$500,000 and the states in which the cattle are killed pay the other half. In addition to the \$500,000 which the government has paid farmers up to date for the stock which had to be killed, approximately \$250,000 in addition had to be paid for transportation, labor, salaries, subsistence, disinfectants, and supplies for the 500 or more men who have been engaged by the U. S. Bureau of Animal Industry in the fight against the disease. The total amount of \$750,000 spent thus far by the government is more than twice what has been spent in previous epidemics of foot and mouth disease. In 1908 \$267,000 was spent by the federal government, and in 1902 the amount was \$300,000. During both of these years, however, the area covered by the disease was much smaller than at the present time.

Angora goats are sometimes troubled with lice, which can be killed by dipping. To make the dip, take two pounds sal soda, dissolve in two gallons boiling water, then add one pound of arsenic and let boil 10 or 15 minutes, using care it does not boil over. Add this to 100 gallons of water and the dip is ready. This dip is poisonous to the goats if they drink any. Dip them by holding them under all except the head for from half to a full minute, then hold their mouth shut and push their head under; let them drain a bit and turn them loose. This is used by some Angora goat raisers and is said to clean out the lice absolutely.

Nature's way of ridding poultry of lice is a frequent dusting of light, dry earth. Chicken seem to enjoy nothing better, and certainly nothing does them more good. Birds are sometimes yarded on the farm to prevent their getting into the garden, but wherever they are they should be provided with some sort of a dust bath. In the summer the best dust baths are made by spading places in the yard, each about a yard square and ten inches deep. If there are any stones

in the dirt, it should be sifted. Care must be taken to have the dirt fine and free from pebbles, or the hens will not use it. Make the place where the sun can shine on it, so as to keep the dirt dry, and after every rain the dirt should be turned over with a spade or fork. If they can have such a place to dust themselves, the fowls will easily keep their bodies free from lice.

Hens produce so many eggs during the heavy laying season that a large amount of time is necessary to produce egg shells. Nature furnishes some of this, but nature did not intend the hen to lay more eggs than the pheasant, so those who have nature-faked her into an egg machine should see that she has plenty of the article, which is best provided in the form of cracked oyster shell.

A farmer will begin to get the best results from his farm when he realizes that it is a farm and not a mine—he can't take everything out and put nothing back.

No Arrests in January.

That Dallas is an orderly town is shown from the fact that the police made not a single arrest during the month of January last. "There were a few drunks during the early part of the month," said Marshal Chase, "but these offenders against the dignity of the people were ordered to hunt some secluded spot, which they did, thus closing the incident. They were not disturbers of the peace."

Polk County Observer, the biggest and best semi-weekly paper in the state, \$1.50 per year.

WITNESS AFTER WITNESS IN DALLAS.

Such Evidence Our Readers Cannot Dispute.

As we take up The Observer week by week, we are struck by the hearty, unmistakable way in which witness after witness speaks out as Mr. Ronco does here. If these people were strangers living miles away, we might take little notice of them. But they are not. They are our neighbors, living among us. Their word is too easily proven to admit of any doubt. They speak out in the hope that their experience may be a guide to others.

John V. Ronco, 818 Upland Avenue, Dallas, Oregon, says: "I have used Doan's Kidney Pills off and on for a couple of years and have always had great benefit. Kidney weakness gave me great annoyance. Since I used Doan's Kidney Pills, I have had no serious trouble. A few doses of this remedy always sets my kidneys working right."

Price 50c., at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mr. Ronco had. Foster-Milburn Co.,

WANTED—More want ads. for this column. They give the desired results. The cost is slight—only one cent a word for each insertion. If you have anything to sell or trade, or want to buy, try a want ad. in The Observer. 91-1f

FOR SALE—Four heifer grey Jerseys, due to freshen July or August. A. G. Rempel; phone Dixie 515. 89-1f

WANTED—Veal calves and chickens. Will pay the highest market price. Call 5 Shorts—A. D. Line. 89-1f

FOR SALE—House and lot on the installment plan. Enquire of Theo. Farrington, 514 Hayter street, Dallas, Oregon. 96-81-x

FOR SALE—Practically new piano worth \$350. Will take \$150 for quick sale. McBee Land Co., room 5, Stafrin building. 96-11-x

GOVERNMENT LAND.—In Polk, Benton and Lincoln counties, for homestead entry, 4,680 acres, southwest of Dallas. Correct description and number of acres in each piece, \$1.00 for same. Clinton Foster, Blackstone hotel, Portland, Oregon. 94-2t.

FOR SALE—Fresh milk cow. Apply Chas. Winters, phone 1631. 95-2t-x

FREE WOOD—Second growth oak grub. Cut all you want. U. S. Grant, phone 1284. 95-3t

FOR TRADE—Small ranch near Eugene; extra good buildings; spring water piped to house and barn; two miles from town of 3000; cannery that takes fruits and vegetables. Will trade for Dallas property, or will sell at a bargain on long time. Apply at The Observer office. 93-1f

Polk County Observer, the biggest and best semi-weekly paper in the state, \$1.50 per year.

SHERIFF'S SALE.

Under and by virtue of an execution issued out of the Circuit Court of the State of Oregon, for the County of Polk, on the 30th day of January, 1915, upon an order of sale and decree of foreclosure given and made by said Circuit Court on the 23rd day of January, 1915, in a suit then pending in said Court wherein W. J. Southwell was plaintiff and Anna Richey, Charles J. Richey, J. V. Dennis and W. D. Baneroff were defendants, (Register No. 4581), and to me, the undersigned, Sheriff of the County of Polk, directed, I am commanded to sell, at public auction, in the manner prescribed by law, the following described real property, to-wit:

Beginning at a point in the center of the County Road 95 feet South and 272 feet North 77 degrees West from the Southeast corner of the Theodore C. Sharp Donation Land Claim, Claim No. 55, in Township 8 South, Range 6 West of the Willamette Meridian, in Polk County, State of Oregon, and running thence North 77 degrees West along the center of said road 56 feet to the Southeast corner of a parcel of land released from the mortgage from Anna Richey and husband to Ralph Williams, recorded April 25, 1910, on page 357 of Vol. 29 of the Polk County, Oregon, Mortgage Records; thence North 13 degrees East 150 feet; thence North 77 degrees West 50 feet; thence South 13 degrees West 83 feet, more or less, to the West line of the lands described in said mortgage; thence North to the bank of the Luckiamute river; thence along the bank of said river 127 feet to a fir tree; thence East 30 feet; thence North to the flume ditch; thence along said ditch to a point North of the Northeast corner of the R. R. Bettis property, described in said mortgage; thence South to the Northeast corner of said Bettis property; thence North 77 degrees West 62 feet, and thence South 13 degrees West 150 feet to the place of beginning, being the real property described in said mortgage; excepting the parcel of land released therefrom.

Notice is hereby given that on Saturday, the 6th day of March, 1915, at one o'clock p. m. of said day, at the front door of the County Court House, in the city of Dallas, in Polk County, State of Oregon, I will, in obedience to said execution and order of sale, sell the above described property, to the highest bidder, for cash, in lawful money of the United States, in the manner prescribed by law.

Dated this 30th day of January, 1915.

JOHN W. ORR,
Sheriff of Polk County, Oregon.

OSCAR HAYTER,
Attorney for plaintiff. 96-5t.

SHERIFF'S SALE.

Under and by virtue of an execution issued out of the Circuit Court of the State of Oregon, for the County of Polk, on the 30th day of January, 1915, upon an order of sale and decree of foreclosure given and made by said Circuit Court on the 23rd day of January, 1915, in a suit then pending in said Court wherein Myrtle E. Sheridan was plaintiff, and M. W. Wilkins, E. E. Wilkins, E. B. Ovelman and John Doe were defendants, (Register No. 4582), and to me, the undersigned, Sheriff of the County of Polk, directed, I am commanded to sell, at public auction, in the manner prescribed by law, the following described real property, to-wit:

Beginning at a point 25.25 chains North and 5.80 chains East from the Southwest corner of the Isaac Levens and wife Donation Land Claim, Notification No. 1963, in Townships 7 and 8 South, Range 5 West of the Willamette Meridian, in Polk County, Oregon; thence North 26 degrees West 13.00 chains to the West line of said Donation Land Claim; thence North 7.25 chains; thence East 14.29 chains; thence North 3.80 chains; thence East 1.38 chains; thence South 3.80 chains; thence East 6.98 chains to the Northwest corner of the City View Addition to the city of Dallas; thence South 18.94 chains along the west boundary line of said addition to the center of the County Road leading to Falls City, and thence West 17.00 chains to the place of beginning.

Notice is hereby given that on Saturday, the 6th day of March, 1915, at one o'clock p. m. of said day, at the front door of the County Court House, in the city of Dallas, in Polk County, State of Oregon, I will, in obedience to said execution and order of sale, sell the above described property, to the highest bidder, for cash, in lawful money of the United States, in the manner prescribed by law.

Dated this 30th day of January, 1915.

JOHN W. ORR,
Sheriff of Polk County, Oregon.

OSCAR HAYTER,
Attorney for plaintiff. 96-5t.

NOTICE OF RESIGNATION.

Notice is hereby given that David D. Peters, administrator of the estate of Isaac Dyck, deceased, has filed with the County Court of Polk County, Oregon, his written resignation as such administrator, and the said Court has set Wednesday, the 24th day of February, 1915, at the hour of 10.00 a. m. as the time, and the County Court room in Dallas, Oregon, as the place for hearing said matter.

Dated this 22nd day of January, 1915.

DAVID D. PETERS,
Administrator aforesaid.

Jan. 25-Feb. 23

Polk County Observer, the biggest and best semi-weekly paper in the state, \$1.50 per year.

ADMINISTRATOR'S NOTICE.

Notice is hereby given that the undersigned has been duly appointed administrator of the estate of Alice F. Thun, deceased, by the County Court of Polk County, Oregon, and has qualified.

Now, therefore, all persons having claims against said estate are hereby notified and required to present the same, with the proper vouchers, to the undersigned administrator at the office of the Polk County Observer, at Dallas, Polk County, Oregon, within six months from the date of this notice. Dated January 19, 1915.

ERNEST THUN,
Administrator of the estate of Alice F. Thun, deceased.

CLARENCE BUTT,
Attorney for Estate. Jan. 19-Feb. 16

In the County Court of Polk County, State of Oregon.—In the matter of the estate of R. W. Hedden, deceased.

Notice is hereby given to all whom it may concern, that the undersigned has been appointed as administrator of the estate of R. W. Hedden, deceased, by the County Court of Polk County, Oregon, and all persons having claims against said estate are hereby notified to present the same to the undersigned at the law office of W. C. Winslow, Room 306 Salem Bank of Commerce Building, Salem, Oregon, within six months from the date of the first publication of this notice.

Dated at Salem, Oregon, this 13th day of January, 1915.

C. T. Hoover, administrator.
W. C. Winslow, Attorney for Estate. Jan. 15-Feb. 12

SUMMONS.

In the Circuit Court of the State of Oregon for Polk County.—Eva Moorhouse, Plaintiff, vs. John O. Moorhouse, Defendant.

To John O. Moorhouse, the defendant above named:

In the name of the state of Oregon, you are hereby required to appear and answer the complaint filed against you in the above entitled suit on or before the 14th day of February, and if you fail to so appear and answer said complaint, for want thereof, plaintiff will apply to the court for the relief demanded in her complaint, to-wit: a decree dissolving the bonds of matrimony existing between plaintiff and defendant. You are hereby notified that this summons is served upon you by publication thereof in the Weekly Observer, a newspaper of general circulation, printed and published at Dallas, Polk County, Oregon, and that the date of the first publication of this summons was December 25th, 1914, and the last publication thereof will be made on the 6th day of February, 1915.

You are further notified that this summons is so served upon you by publication thereof in said paper pursuant to an order of the Honorable Webster Holmes, Judge of said court, made on the 10th day of December, 1914.

McNARY, SMITH & SHIELDS

SUMMONS.

In the Circuit Court of the State of Oregon for Polk County.

Bank of Helix, a Corporation, Plaintiff, vs. P. O. Martin and Minnie Martin, his wife, Defendants.

To P. O. Martin and Minnie Martin, the above named Defendants:

In the name of the state of Oregon, you are hereby required to appear and answer the complaint in the above entitled suit within six weeks from the date of the first publication of this summons; and you will take notice that if you fail to appear or plead within that time, plaintiff for want thereof will take judgment against you for the relief prayed for in plaintiff's complaint herein, to-wit: Judgment for the sum of \$2700.00, together with interest thereon at 8 per cent per annum from March 23, 1914, until paid, and for the further sum of \$250.00 Attorneys' fees and for plaintiff's costs and disbursements of this suit; and for the foreclosure of a certain mortgage made by you and each of you to the Bank of Helix on the 25th day of September, 1909, covering the North Half of Lots 1 and 2 in Block No. 14 in the Dallas Land & Improvement Company's Addition to the City of Dallas, Polk County, Oregon, and for the sale of said property and foreclosing you and each of you from any and all interest therein.

This summons is issued pursuant to an order of the Hon. H. H. Belt, Judge of the above entitled court, duly made and entered on the 4th day of January, 1915, directing that publication hereof be made once each week for a period of six consecutive weeks in the Polk County Observer and the first publication thereof is made pursuant to said order on the 5th day of January, 1915.

OSCAR HAYTER & RALEY & RALEY,
Attorneys for Plaintiff. Jan. 5-Feb. 16

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