

Secure Farm Power From Small Streams

Use Becoming Quite Common

North Carolina Has Great Area Where Flowing Water May Be Harnessed

By David S. Weaver, Agricultural Engineer, North Carolina State College.

For centuries man has used the energy of flowing water for useful purposes and the modern hydro-electric plants indicate a high degree of perfection in this use.

Application of this principle to small farm streams is becoming quite common, notably in certain foreign countries and in the rapidly descending slopes on either side of the two great mountain ranges of this country. North Carolina has a great area where streams flow rapidly and this gives rise to the conditions which permit the development of small water powers.

Power from streams depends on the fact that the effect of the weight of the water, falling through space can be harnessed by a variety of devices, particularly the water wheel. Overshot wheels, undershot wheels, turbines and impulse wheels can be used but average farm conditions are such that the overshot wheel is usually the most desirable.

Variation in stream flow and the poor estimation of obtainable heads have resulted in many improperly engineering installations giving unsatisfactory service.

Before making any expenditures for a dam or for any equipment, the site should be studied in detail and the possible horsepower that can be developed should be estimated. For large installations the services of an engineer should be secured, but for smaller streams, the preliminary estimates, at least, can be made by the owner of the land.

The division of agricultural engineering of North Carolina State college has recently prepared a circular describing the method of determining whether or not a stream will develop sufficient power for generating electric current for lights and power. Any one interested should write to D. S. Weaver, agricultural engineer for a copy of circular No. 74 entitled, "Water Power on the Farm."

Best Physically



Winifred Mackey, of Frederick, Md., for the second consecutive year, has been declared the best physical specimen among 600 entries for the silver cup posture award.

Prove Diet Will Save All Teeth

New York.—The first 100 per cent scientific proof of the specific diet which will preserve teeth, namely, phosphorus and vitamin D, was credited to two missionaries to China, Dr. and Mrs. R. Gordon Agnew.

Their announcement of the final step in 10 years, research, experiments on 350 children, was hailed by Dr. E. V. McCollum of Johns Hopkins University, one of the world's foremost dieticians, as a "milestone in scientific progress." Their work, he said, eliminates confusion about the diet needed for teeth. Vitamin D comes from sunshine and cod liver oil, or their substitutes. The phosphorus foods in order of their richness are egg yolk, milk, meats, leafy vegetables and the seeds, grains, roots and tubers.

The salvia, Dr. McCollum said, is probably the means of tooth protection, through phosphorus it receives from the blood.

The diet announcements were made at a luncheon given by the board of governors of the West China University, to which the Agnews are returning.

Dr. Agnew said they found their clue in analysis of 3000 diets of Chinese and Tibetans who have better teeth than Americans. They returned to the University of Toronto for scientific investigation and were able to cause 100 per cent decay in teeth of rats by diet alone.

Finally this year the feeding of children began. Decay was not only prevented among those with the rich phosphorus-vitamin D balance, but decay already started stopped its progress.

"The significant fact," said Dr. McCollum, "is that the Agnews for the first time, consciously and under scientific control, have succeeded in producing and preventing dental caries (decay) practically at will, and to a degree approaching 100 per cent. Their work gives further strength to the conclusions that dental caries can be largely, perhaps wholly, prevented by correct eating."

SOCIAL RESEARCH REPORT

After three years of study, President Hoover's committee on social research reported that violent revolution is possible in America "unless there can be a more impressive integration of social skills and fusing of social purposes than is revealed by recent trends." More than 500 investigators aided in the investigation which was financed by the Rockefeller Foundation.

MORTGAGE SALE OF REAL ESTATE IN GOLD HILL TOWNSHIP

By virtue of the authority contained in a certain Mortgage Deed of Trust executed by J. A. Murry Peeler and wife, Roxie M. Peeler, to J. E. Fisher, Trustee, dated December 31, 1926, and registered in Register's office of Rowan County in Book of Mortgages No. 99, page 93, default having been made in the payment of the note secured thereby and request of foreclosure having been made by the holder thereof, the undersigned trustee will sell at public auction to the highest bidder for CASH, at the courthouse door in Salisbury, N. C., on Monday, February 6, 1933, at 12 o'clock noon, the following described real estate:

First Tract: Being the homeplace of the mortgagors, situated in Gold Hill Township about 1/2 mile N. E. of Faith, N. C., and bounded as follows: Beginning at a stone, Wyatt's corner and runs thence N. 4 E. 6.32 chains to a stone on the east side of a road; thence S. 82 W. 4.00 chains to a stone in a field; thence S. 10 E. 7.22 chains to a stone on Wyatt's line; thence with his line N. 60 E. 2.79 chains to the beginning, containing 2-27-100 acres, be the same more or less. For back title see deed from John L. Peeler and wife to J. A. Murry Peeler, recorded in Book No. 193, p. 257, Register's Office, Rowan County.

Second Tract: Adjoining the above tract, situate in Gold Hill Township, about 1/2 mile N. E. of Faith, N. C., and bounded as follows: Beginning at a stone, P. C. Holshouser's corner, and runs thence S. 82 E. 5.47 chains to a stone, said Holshouser's corner; thence S. 5.01 chains to a stone; thence N. 82 W. 5.47 chains to a stone on the old Peeler line, thence with said line N. 4 E. 5.01 chains to the beginning, containing 2-74-100 acres be the same more or less. For back title, see Book No. 193, page 258, Register's Office of Rowan County.

Third Tract: Adjoining the above two tracts, situated in Litaler Township, and being East of Faith, N. C., and bounded as follows: Beginning at a stone, Murry Peeler's corner, and runs thence S. 82 W. 4.38 chains to a stone, a new corner; thence S. 10 E. 5.20 chains to a stone on Peeler and Holshouser line; thence N. 63 1/2 E. 4.38 chs. to a stone, Hoffer's corner on Peeler's line; thence N. 13 W. 3.90 chains to the beginning, containing 1-75-100 acres be the same more or less. For back title see deed recorded in Book No. 193, page 256, Register's Office of Rowan County.

This January 3, 1933. J. E. FISHER, Trustee. P. S. Carlton, Attorney. Jan. 6—27.

MORTGAGE SALE OF REAL ESTATE IN TOWN OF FAITH, N. C.

By virtue of the authority contained in a certain Mortgage Deed of Trust executed by Effie J. B. Fraley to J. C. Kesler, Trustee, dated February 1, 1923, and registered in the Register's Office of Rowan County in Book of Mortgages No. 74, page 278, default having been made in the payment of the note secured thereby, and request of foreclosure having been made by the holder thereof, the undersigned trustee will sell at public auction to the highest bidder, for CASH, at the courthouse door in the City of Salisbury, N. C., on Monday, the sixth day of February, 1933, at the hour of 12 o'clock, noon, the following described real estate:

Situated, lying and being in Litaler Township, Rowan County, N. C., beginning at a stone in Main Street, or Mount Pleasant Road, corner of lot No. 4, and runs thence West 77 1/2 deg. S. 280 feet to a stone on Peeler's line; thence N. 17 1/2 deg. West 66 feet to a stone, W. M. Bare's corner; thence East 89 deg. North 280 feet to a stone in said street or road; thence with said street or road 66 feet to the beginning, containing 17-100 acre, be the same more or less. This property is situated in the village of Faith, N. C.

This January 3, 1933. J. C. KESLER, Trustee. P. S. Carlton, Attorney. Jan. 6—27.

Famed Spy Quits



Narrowly avoiding death in many close calls in her work as international spy on the staff of the British, Carla Jensen retires after 12 years, her identity becoming known, and now turns to the American movies.

SALE OF MORTGAGED PROPERTY Pursuant to the provisions contained in a certain Mortgage Trust Deed, registered in Book No. 93 page 21 made by the grantors named therein for the protection and benefit of the undersigned, on the 3rd day of November, 1925, default having been made in the payment of this debt, which said mortgage was given to secure, and at the request of the holders of the note, the undersigned will sell at public auction for CASH, at the courthouse door in Salisbury, N. C., on Saturday the 4th day of February next, the following property:

Beginning at a stake at the Northeast corner of South Shaver and East Fisher Streets and running thence with East Fisher Street South 42 deg. 30' East 80 feet to a stake, corner of lot No. 6, belonging to Mrs. Daisy Fraley Jones, and being the same lot willed to her by W. C. Fraley; thence with her line North 47 deg. 30' East 90 feet to a stake on line of Mrs. Brady's lot; thence with her line North 42 deg. 30' West 80 feet to a stake on the edge of South Shaver Street; thence with the line of South Shaver Street 47 deg. 30' West 90 ft. to the beginning corner, being lot No. 1 as shown upon the map of the Fraley property and being the late residence of Mrs. Martha J. Fraley. On this lot is situate an eight room two story dwelling, with modern conveniences and in good condition.

Conveyed by the grantors referred to in the mortgage to satisfy the debt provided for in said mortgage. This January 4th, 1933. T. G. FURR, Trustee. Jan. 6—Feb. 3.

NOTICE OF REAL ESTATE UNDER MORTGAGE

Pursuant to the terms and conditions of a certain mortgage Deed of Trust executed by C. L. Emerson and wife Effie F. Emerson, to E. H. Harrison, Trustee, dated December 22nd, 1930, and registered in the office of the Register of Deeds for Rowan County, in Book of Mortgages Number 108 at page 266, default having been made in the payment of the note secured thereby, and request of foreclosure having been made by the holder thereof, the undersigned Trustee will sell at public auction, to the highest bidder, for CASH, at the courthouse door in Salisbury, N. C., on the sixth day of February, 1933 at twelve o'clock noon, the following described real estate, to-wit:

Beginning at a stake 210 feet from the intersection of North Main and Miller Streets, running in a North West direction, fronting 90 feet on South East side of Miller Street, to a stake, Emerson's corner; thence South West 100 feet to a stake formerly Mrs. T. A. Coughenour's corner; thence South East 90 feet, John Cress's corner; thence North East 100 feet to the beginning corner, and being a lot fronting 90 feet on Miller Street and running back 100 feet. Also the right of the use, and ingress, egress and regress, of a 10 foot alley-way fronting Miller Street and lying in a North East direction

How Black-Draught Holds its Popularity

A LAXATIVE made from highly approved, medicinal plants—yet about the least expensive laxative you can find: Theodor's Black-Draught. There's no expensive container for you to buy when you ask your dealer for Black-Draught. And its light weight has saved freight bills in your favor. Black-Draught is right with you in economy. It brings prompt, refreshing relief to sufferers from constipation troubles. Don't put up with sick headache, sluggishness, gas, dizziness, bad taste in the mouth, biliousness, coated tongue, bad breath, distress after meals, when due to constipation, but take Theodor's Black-Draught.

between the property of Ed. Hanes and J. F. Moore, said alley-way fronting 10 feet on Miller Street and running back 50 feet.

Also another lot described as follows:

Beginning at a stake, formerly Mrs. T. A. Coughenour's corner on Emerson's line; thence in a South Easterly direction with Emerson's line 50 feet more or less to a stake, Isenhour's corner; thence in a South Easterly direction with Isenhour's line, 50 feet to a stake, White's corner; thence with White's line 50 feet more or less to a stake Coughenour's corner; thence in a North Easterly direction with Coughenour's line 50 feet more or less to the beginning.

The above described property will be sold subject to taxes due and to a prior mortgage executed in favor of the Home Building & Loan Association of Salisbury, N. C., in the sum of \$1,500.00 and dated Nov. 2nd, 1927.

This the 5th day of January, 1933.

E. H. HARRISON, Trustee. Jan. 6—27.

LEGAL NOTICE NORTH CAROLINA ROWAN COUNTY

The undersigned F. W. Poole will offer for sale at public auction for CASH on the 14th day of January, 1933, at 12 o'clock noon, one four cylinder Dodge light delivery to satisfy claim of \$49.75 for repairs and storage in accordance with section 2435 of Consolidated Statutes. Place of sale to be Salisbury, N. C., at courthouse. Dated this 5th day of December, 1932.

F. W. POOLE. Dec. 16—Jan. 6.

NOTICE TO CREDITORS

Having qualified as administrator of the estate of Harry F. Wright, this is to notify all persons having claims against the said decedent to file an itemized, verified statement of same with the undersigned on or before the 30th day of November, 1933, or this notice will be pleaded in bar of their recovery. Persons indebted to said estate are notified to make prompt settlement.

This November 29th, 1932. NATHANIEL BROWN, Executor of Estate of Harry F. Wright, Dec'd. W. T. Shuford, Atty. Dec. 2—Jan. 6.

SALE OF VALUABLE REAL ESTATE

Pursuant to the terms of a certain mortgage deed of trust executed by Frank Oakley and wife, Charlotte Oakley, on May 10th, 1921 to D. A. Rendleman, Trustee, and recorded in Book of Mortgages No. 76, page 269, in the Office of the Register of Deeds for Rowan County, default having been made in the payment of the indebtedness therein secured, and at the request of the holder of the note, the undersigned Trustee will expose for sale, at public auction, for CASH, at the courthouse door in Salisbury, N. C., on Saturday, January 14th, 1933, at the hour of 12M, the following described property:

Beginning at the East corner of the intersection of Spencer Ave. and Second Street, thence along said Second Street in a

(1) Southeasterly direction one hundred (100) feet to a stake corner of A. E. Reynolds lot, thence

(2) In a Northeasterly direction along A. E. Reynolds line on one hundred and forty-five (145) feet to a ten (10) foot alley, thence with said alley in a

(3) Northeasterly direction one hundred (100) feet to Spencer Ave. thence along Spencer Ave. in a

(4) Southeasterly direction one hundred and forty-five (145) feet to the beginning. Being lots Eight and Nine as shown on blue print on map of Oakland Park in Spencer, Rowan County.

This the 15th day of December 1932.

STABLE LINN, T. F. HUDSON, Trustees. T. K. Carlton, Attorney. Dec. 23—Jan. 13.

NOTICE OF FORECLOSURE SALE

Under and by virtue of the power of sale contained in a certain deed of trust made by Albert J. Feaster and wife, Helen J. Feaster, to Carolina Mortgage Company, Trustee, dated the 15th day of August, 1927, and recorded in book 102, at page 583, in the office of the Register of Deeds of Rowan County, North Carolina, default having been made in the payment of the note thereby secured, and the holder thereof having directed that the deed of trust be foreclosed, the undersigned Trustee will offer for sale at the courthouse door in the City of Salisbury, North Carolina, at twelve o'clock noon on Wednesday, the 11th day of January, 1933 and will sell to the

highest bidder for CASH a certain lot or parcel of land in or near the City of Salisbury, Township of Salisbury, County of Rowan, State of North Carolina, and more particularly described as follows:

Situate, lying and being in the Great South Ward of Salisbury, North Carolina.

Beginning at a stake on East Fisher Street 144.8 feet North 44 West from the West corner of the intersection of East Fisher and South Lee Streets, Peeler's corner; thence with Fisher Street North 44 West 56 1/2 feet, more or less, to a stake, corner of the Mowery (now Wallace) store lot; thence with the line of the said store lot South 46 West 125 1/2 feet, more or less, to a stake Mowery's (now Wallace's) corner on W. W. Taylor's line; thence with said Taylor's line S. 44 East 56 1/2 feet, more or less to a stake 1 1/2 feet Southeast of W. W. Taylor's corner; thence parallel with Lee Street North 46 East and with Peeler's line 125 1/2 feet, more or less, to the beginning, being the same real estate conveyed by E. C. Arey and wife, M. Rose Arey to Albert J. Feaster and wife, Helen J. Feaster, by deed dated May 17th 1919, and filed for registration on the 21st day of May, 1919, in the office of Register of Deeds, County of Rowan, State of North Carolina, recorded in book 156, page 62 to which reference is hereby made, and known as number 121 East Fisher Street, Salisbury, North Carolina.

This, the 7th day of December, 1932.

CAROLINA MORTGAGE COMPANY Trustee. E. W. G. Huffman, Attorney. Dec. 9—Jan. 6.

NOTICE TO CREDITORS

Having qualified as executor of the estate of Ambrose Smith, this is to notify all persons having claims against the said decedent to file an itemized, verified statement of same with the undersigned on or before the 30th day of November, 1933, or this notice will be pleaded in bar of their recovery. Persons indebted to said estate are notified to make prompt settlement.

This November 29th, 1932. NATHANIEL BROWN, Executor of Estate of Ambrose Smith. W. T. Shuford, Atty. Dec. 2—Jan. 6.

SALE OF VALUABLE REAL ESTATE

Pursuant to the terms of a certain mortgage deed of trust executed by Frank Oakley and wife, Charlotte Oakley, on May 10th, 1921 to D. A. Rendleman, Trustee, and recorded in Book of Mortgages No. 76, page 269, in the Office of the Register of Deeds for Rowan County, default having been made in the payment of the indebtedness therein secured, and at the request of the holder of the note, the undersigned Trustee will expose for sale, at public auction, for CASH, at the courthouse door in Salisbury, N. C., on Saturday, January 14th, 1933, at the hour of 12M, the following described property:

Beginning at a stone, Burke's corner; thence N. 2.76 chains to a stake, corner of lot No. 2; thence West with Alex Oakley's line, 21 chains to a stake; thence South 2.76 chains to a stone, File's corner; thence East 21 chains to the beginning, containing 5.80 acres, and being lot No. 1 in the division of land of Robert Oakley, deceased.

The above property will be sold subject to all prior taxes and other liens.

This the 12th day of December, 1932.

D. A. RENDELMAN, Trustee. Rendleman & Rendleman, Attys. Dec. 16—Jan. 13.

SALE OF VALUABLE CITY PROPERTY

Pursuant to the terms of a certain Deed of Trust, executed by F. E. Garrett and wife, Fannie N. Garrett, on January 1, 1929, to David B. Harris and Tristram T. Hyde, Jr., Trustees, recorded in the office of the Register of Deeds for Rowan County in Book of Mortgages No. 109, page No. 417, default having been made in the payment of the indebtedness therein secured, and at the request of the holder of the notes therein secured, the undersigned David B. Harris, Acting Trustee, will expose for sale, at public auction for CASH, at the courthouse door in the City of Salisbury, N. C., on Saturday, January 14, 1933, at the hour of 12M, the following described real estate:

All that certain lot or parcel of land with the improvements thereon, situate, lying and being in Salisbury, Salisbury Township, Rowan County, N. C., and described as follows: Beginning at a stake on the South side of Maupin Avenue, at a point 150 feet N. 59-15 West from the Southwest corner of the intersection of Maupin Avenue and Blair Streets, Garrett's corner, and runs thence with Garrett's line S. 31-45 W. 175 feet to

a stake in an alley; thence with line of said alley N. 55-W. 50 feet to a stake, Mrs. W. E. Dunham's corner; thence with Mrs. W. E. Dunham's line N. 31-45 E. 172 feet to a stake in the Southern edge of Maupin Avenue; thence with edge of Maupin Avenue S. 59-15 E. 50 feet to the beginning, same being lot number 5, block number 23, Southern Development map, recorded in Map Book at page 31, Register of Deeds, Rowan county, and being a part of the real estate, conveyed by J. L. Fulbright and wife to F. E. Garrett and wife, Fannie M. Garrett by deed recorded in Book 203, page 211, aforesaid Registry.

This December 12, 1932. DAVID B. HARRIS, Acting Trustee, Rendleman & Rendleman, Attys. Dec. 16—Jan. 13.

Pursuant to the provisions contained in a certain deed of trust dated July 24th, 1930, executed by J. A. Cress and wife, E. R. Cress, to Ross M. Sigmon, Trustee, which mortgage is duly registered in book of mortgages No. 108, page 237, in the office of the Register of Deeds for Rowan County, N. C., default having been made in the payment of the amount secured by said mortgage as therein provided, and by authority and power of sale conferred by said mortgage and by law provided, the undersigned Trustee will offer for sale at public auction to the highest bidder, or bidders, for CASH, at the court house door in Salisbury, N. C., on Saturday, January 21st, 1933, at 12 o'clock, noon, the following described real property, to-wit:

Beginning at a stake, the Southeast intersection of Briarwood Avenue and Third Street, and runs thence in a Southern direction and with the edge of Third Street 300 feet to a stake at the intersection of Rowan Boulevard and Third Street; thence in an Easterly direction and with the edge of Rowan Boulevard 150 feet to a stake, corner of lot No. 4; thence in a Northern direction and with line of lot No. 4 and lot No. 13, 300 feet to a stake in the edge of Briarwood Avenue; thence in a Westerly direction 150 feet to the beginning corner, and being lots Nos. 1, 2, 3, 10, 11 and 12 in block J as shown by the map of Sunset Park property of the Salisbury Realty and Insurance Company, said map being duly recorded in the office of the Register of Deeds for Rowan County, N. C., and being the same property conveyed by Salisbury Realty and Insurance Company to J. A. Cress and wife, E. R. Cress, by deed dated October 17, 1925, and recorded in Book of Deeds 186, page 284, in the office of the Register of Deeds for Rowan County, N. C.

This the 16th day of December, 1932. ROSS M. SIGMON, Trustee, Hudson & Hudson, Attorneys. Dec. 23—Jan. 13.

Reynolds Co Cuts Price Of Cigarettes

A reduction of 85 cents a thousand in the price of its 15-cent brand of cigarettes, making the wholesale price \$6 a thousand was announced by the R. J. Reynolds Tobacco company.

The reduction went into effect at the opening of business January 3. Officials said the cut was made to meet a similar move on the part of the American Tobacco company.

Wife: "Did you see those men staring at that flapper as she boarded the street car?" Husband: "What men?"

Mother of 7—Still Young



THE woman who gives her organs the right stimulant need not worry about growing old.

Her system doesn't stagnate; her face doesn't age. She has the health and "pep" that come from a lively liver and strong, active bowels.

When you're sluggish and the system needs help, don't take a lot of "patent medicines." There's a famous doctor's prescription for just such cases, and every druggist keeps this standard preparation. It is made from fresh laxative herbs, active senna, and pure pepsin. Just ask for Dr. Caldwell's syrup pepsin. Take a little every day or so, until every organ in your body feels the big improvement.

The next time you have a bilious headache, or feel all bound-up, take this delicious syrup instead of the

usual cathartic. You'll be rid of all that poisonous waste, and you haven't weakened the bowels. You'll have a better appetite, and feel better in every way. The constant use of cathartics is often the cause of a shallow complexion and lines in the face. And so unnecessary!

Would you like to break yourself of the cathartic habit? At the same time building health and vigor that protects you from frequent sick spells, headaches, and colds? Get a big bottle of Dr. Caldwell's syrup pepsin today. Use often enough to avoid those attacks of constipation. When you feel weak and run-down or a coated tongue or bad breath warns you the bowels need to be stimulated. Give it to children instead of strong laxatives that sap their strength. It isn't expensive.