HANSFORD HEADLIGHT

Spearman, Hansford County, Texas, Friday, January 12, 1923

BEST **ESS REFERENCE**

redit is exactly what you make it. A ecount is worth far more to you when e comes than an armful of

tters of Recommendation

in the bank is what talks and a small behas led to many a man's success.

ome your account, large or small.

irst National Bank of SPEARMAN

Association

was here from in the interest sale and conattracting the men and buyts a large atprofitable sesis urging all the spring. It ether they are as the Buyers vention is for kmen who ex

ance

Customers.

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bstract

arman

pect to sell anything during the coming spring should send a list of what they will have for sale to Mr. Meade. He will estalogue the same and will have these The Farnsworth boys were unty Breeders lists placed in the hands of every incidentally buyer in the country. It will Buyers and to be held in Mr. Meade is made and very little if a sale is made. The purpose of this organization is to give the comparatively small stock raiser a change to sell his stuff at a fair and equitable price, without giv-ing up all his profit in commissions. The organization will be that before the Spearman boys which they will more thoroughly understood. more thoroughly understood.

Klan Lecturer at Miami

The Palo Duro Klan No. 244, Knights of the Ku Klux Klan, Realm of Spearman, Texas, in behalf of its officers and members, takes great pleasure in ex-tending to the public a cordial invitation to be present to hear a lecture given by Dr. G. C. the end the score being 22 to 21 Minor at Miami, Texas, January in favor of Spearman. It was a of the national lecturers of the Ku Klux Klan, will give an address that will be both educational and instructive and it will be well worth your time to hear bim, as he is giving only a limited number of these lectures in this Vested with the power of

publication. SEAL KLIGRAPP. 'In the name of our fathers, for

our Country, our Homes and each other.'

Reporter i ffice.

FOR SALE, Pure Bred Mammoth Bronz turkeys. Toms, \$6 until February 1. Address Mrs. J. O. Hatcher, Lieb.

time since our office building Wilbanks and several deputies, and equipment were destroyed by fire on August 27. Enstalling the machinery, straightening out the type and getting everything in running order has kept us on the keep time of the county on Sattle the county on Sattle the county on Sattle the county of the county on Sattle the county of the the keen jump this week, and we urday. One of these was a rather have had no time to get up much tame affair but the other was a of a paper. But we are enstalling fairly good outfit and the officers a much bet er plant than was captured 15 gallons of mash in a destroyed by the fire and expect to make some decided improvement in the Reporter. We have two other machines, a linotype of it was rearing to go. Olney and folder, to put in operation, Longbottom, and a kid named and will do this work next week, Raymond Rider were placed unafter which we will have an upder bond in connection with the to the minute print shop.

REPORTER PRINTED

AT HOME THIS WEEK

The Reporter was printed at

Boy's Basket Ball Team

Saturday, January 6 at 1:00 o'clock the first and second boy's basket ball teams of the Spearman school left for Farnswoath They arrived safely and at 2:30 the first teams lined up and went at it. The Spearman team easily took the lead with three goals and for a little while it looked as if they would have a walkover, for the boys steadily piled them his product. in all during the first half. The boys showed real pep and ener-

real game and made several attempts to take the lead, but had little success. The score at the end of the first half was 18 to 11

in favor of Spearman.

During the intermission the Farnsworth boys surely must have indulged in something, for as the ball went up they each and all played so hard and fierce realized it the score was 20 to 21 in Farnsworth favor. This outburst of good playing on the part of the Farnsworth men some what upset the Spearman boys, but they managed to hold their opponents to their present score the remander of the game. the last fifteen minutes of the game was rather slow untill Spearman managed to place a field whibh put them one point in the lead. Then play picked up and there was some real scrapping untill good game played square and clean and we were treated fine by the Faansworth players all the undersigned: during the game.

All that can be said of the second game is that it was nip and tuck from start to finish, first one ahead and then the other. The final score was 22 to 23 in Farnsworth's favor.

First team, review: Hazelwood: Five fields, no frees, no fouls. Morris: Five fields, no frees, two technicals. Maupin: One field. Prutsman, one personal foul. Fullbright, clear.

Lost, a part of fountain pen, on steets of Spearman. Leave at day, January 12, at 2:30, with Farnsworth, at Spearman, and one with Perryton on Saturday, the 13th, also at Spearman. There will be no charges and we expect a large number out to see these games.

Mr. Local Citizen do you know whether Spearman High School has a basket ball team or not? Do you care whether we lose or win? Does victory and defeat have the same meaning to you? Do you believe that your appearance at a game and your rooting will win a game for us when otherwise we will lose. Remember, the more the merrier, and let's all turn out and see these games and help win them. REPORTER.

District Attorney I desire to exincumbency of office, my deep appreciation. The official returns of the primary showed that I was defeated by twenty votes in the entire district, and this splendid showing under the circumstances can be attributed only to the work of my friends. charms that have won for many friends and admirers. The groom is a son of our extent to repay these kindnesses. I shall be located in Canadian,

ROUNDING UP THE MOONSHINE STILLS

Sheriff Alvino Richardson, as home again this week, the first sisted by retiring Sheriff H. L. affair, but Jack Davis, who is believed to be the real "distiller" smelt a mouse, and like the Arabs, silently stole away. Jack must have been producing a high-grade article, as he was careful to remove the rats and most of the green flies from the mash. The officers noticed two large rats and about a quart of flies which had been very carefully removed from the mash and not allowed to remain in it to spoil the taste of

But the surprise of the week took place on Thursday, when the sheriff and his helpers went out northwest to the Coldwater and returned with a first class still and five well-known citizens times. who were placed under arrest.
The men are: H. H. Lowe and
his sons Bill and Harmon, Dick
Kennedy and his cousin "Red" Kennedy. The men were ar-rested at the H. H. Lowe home, on the Coldwater.

FREE SHOW FOR THE COUNTRY FOLKS

To show our appreciation of the business of our customers who reside out of town, we the undersigned business and professional men of Spearman have arranged with the Lyric Theater to give a free matinee every Saturday afternoon until further notice. These free shows are for those who live out of town, and who find it inconvenient to attend the regular nightly shows. Bring the women folks and kiddies. It's free. Show starts at 3:00 o'clock. Get tickets from

A. E. Townsend, T. H. Taylor, W. F. Hays, W. H. Crawford, Guaranty State Bank, S. B. Hale, C. L. Thomas, Spearman Reporter, Spearman Tailor Shop, Hill-house Drug Company, Dr. J. C. Jones, Independent Telephone Company, P. M. Maize & Co., Blake Dry Goods Company, Palo Duro Hotel, City Cafe, Andrews Hardware Company, J. M. For-shee, W. L. Russell, Spearman Motor Company, Bert E. Briley, W. E. Mizar, M. C. Head, Spear-man Equity Exchange, Spear-man Lumber Company, White man Equity Exchange, Spearman Lumber Company, White House Lumber Company, Hagan Oil Company, City Bakery, Panhandle Lumber Company, C. D., Works, Hansford Abstract Co., Works, Taylor Warden: Rurt Oil Company, City Bakery, Panhandle Lumber Company, C. D. Works, Hansford Abstract Co., Shearer Produce Company.

DODSON-CLOSE

On Sunday night, January 7, 1923, occured the marriage of Miss Minnie Fronye Dodson to Mr. Johnnie Close, both of north Hutchinson county. The cere-mony was performed at the home of the groom's parents,
Mr. and Mrs. Joe Close, in
Spearman, by Judge A. E.
Townsenk, in the presence of
about twenty-five relatives and friends of the contracting par-To My Friends

ties. Following congratulations and good wishes by all present, the hostess, Mrs. Joe Close, served a most delicious lunchtend to my friends who have so eon, and the occasion was one of loyally supported me during my real joy and happiness to all

> of the Sophomore class in the Spearman High school. She is a young lady of refinement and charms that have won for her

The groom is a son of our oldtimer friend Joe Close, and has grown to manhood among us. where I will engage in the general practice of law, and will be glad to see any of you if you are in town. Sincerely yours, E. J. PICKENS.

Grown to mannood among us. He is one of our most energetic and reliable young men, to whom we may look for leadership in the coming years.

The newly-weds will make

All Business Men Have Checking Accounts

It formed the basis upon which they were able to build their business.

A Checking Account enabled them to keep a complete record of every business transaction, and it built up in them a regard for business method, caution and thrift which has made possible their success.

We will be glad to help you get started.

Guaranty State Bank

SPEARMAN, TEXAS

their home on the Joe Close ard. Chaplin. farm, about twelve miles south lodge meets on Thursday night west of Spearman, and announce of each week. The lodge is

An Interesting Meeting

The annual meeting of the Hansford National Farm Loan Association was held at the Lyric Theater in Spearman on Tuesday afternoon, June 9. The from the New Hope community, meeting was held for the purpose of electing officers for the ensuing year. The officers election where she is teaching school, for the week-end, and had as guests the misses Clara and Daisy Kate ted are as follows:

President . Vice Pres. . Geo. M. Whitson Sec. Treas. . R. L. McClellan This organization has been in existence five years and has loaned to its members the sum of \$238,505.00. The loans are all good and the Association has no delinquent members. This As-sociation is chartered and oper-

ating under the Federal Farm Loan Act. It operates through the Federal Land Bank of Hous-

I. O. O. F. Installation

The joint installation of officers of the I. O. O. F. lodges of Spearman and Perryton was held at the lodge room in Spearman on Thursday night of last week. Two candidates were given the first degree work that night, also, and altogether it was James R. Taylor, Warden; Burk Boland, Treasurer; W. A. How-

The Spearman themselves as ready to receive their friends at any and all times.

The Reporter joins the many friends of this estimable young couple in wishing them a long and happy married life.

Steadily growing in membership and holds some very interesting meetings. If you are a member of the chain gang you should fall in line and attend the regular Thursday night meetings. The Rebeksh lodge of Spearman is also growing stronger in avery also growing stronger in every way. A number of the Rebekahs of Spearman were recently called to Perryton to assist the lodge at that place in putting on some degree work.

Miss Ruby Little was home

"S. & H" **Premiums** Your Discount

We are now giving the famous "S. & H." Green Stamps on all purchases.

Always keep in mind the fact that these stamps are your earned discount and that "S. & H." Pre-miums are household necessities. Begin and save

HILLHOUSE DRUG CO.

The People with the Goods TEXAS SPEARMAN

MONEY

PLENTY OF MONEY

To loan on farms and ranches in Hansford, Hutchinson and Ochiltree counties. Interest rate down with all other lines of business and options of settlement satisfactory.

The best line of Farm and Ranch land ever offered in this section of the country and on terms never offered before. Business lots, residence lots and acreage. We have just what you want.

J. R. COLLARD

Real Estate, Loans, Insuranbe

Write for Information

Spearman, Texas

READY

Now is a mighty good time to hink about the possible effects of old, stormy weather upon your famy and to lay in a supply of simple tousehold remedies, so that you will be prepared at the first sign of trouble.

Our stock is brand new-fresh as drugs and medicines can be, and our prices are right.

ale Drug

The Rexall Store SPEARMAN, TEXAS

Reduced Prices

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150 pairs or more of men's, ladies' and children's shoes, priced from \$2 00 to \$5.00 per pair.

Ladies' "ready-to-wear" garments at give-away prices.

All men's winter coats g ing at one-fourth off.

Many bargains in men's, ladies' and children's sweaters, at a big aeduction in price

We have anythinfi you may need in winter wear and priced as low as anywhere.

EVERYTHING TO EAT

				"Red D		peach		\$1.38
6	cans	No.	2121	Logan E	Berry			1.75
6	cans	No.	2 1-2	Egg P	ums			1.30
6	cans	No.	212	Pump	kin '			.90
6	cans	Opal	Corn					.75

P. M. MAIZE & CO.

We have other "Bargains" not mentioned. Come and see.

ORAN KELLY

Entered as second class matter November 21, 1919, at the post fice at Spsarman, Texas, under the act of March 9, 1879.

\$1 50 PER YEAR IN ADVANCE

· MISSIONARY SOCIETY

The Woman's Missionary so-ciety began the New Year's work with a full attendance and lively interest last Wednesday afternoon at the residence of their president, Mrs. Barkley. Mrs. Raymond Witt conducted the devotional, reading the fifth chapter of Ephesians. The preschapter of Ephesians. The president ealled for business and the treasurer, Mrs. Bailey, made the year's report, stating that the \$30 pledge had been sent to the conference treasurer. Members paid dues for last and this year. Mrs. Barkley read a most interesting letter from a missionary in India, which explained their deeds of help and mercy to the sufferers of mind and body and soul in that country. Mrs. Gibner, secretary, read an instructive letter from Mrs. E. E. Adams, district secretary of Amarams, district secretary of Amarillo district. In this Mrs. Adams urged that we do our very best in all departments of socie-ty work, adding that "a light shines fartherest that shines brightest at home.

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PERRYTON STUDIO

for Developing and Printing Quick Service and Right Finish Fraser.

J. A. Stirratt

Photographer

Home Furnishings

THE SPEARMAN REPORTER pastor enstall the officers for the ensuing year next Sunday morning at the 11 o'clock hour. They follows: President, Mrs. A. F. Barkley; Vice Pr dent, Mrs. Raymond Witt; Superintendent Social Service, dent, Superintendent Social Service, Mrs. Hale; Superintendent of Young People's Department, Mrs. Davis; Superintendent of Publicity, Mission and Bible Study, Mrs. Laney; Superintendent of Supplies, Mrs. Dennis; Corresponding and Recording Secretary, Mrs. Gibner; Treasurer, Mrs. Bailey; Age t Missionary Voice, Mrs. R. L. McClellan.

McClellan.
After the business a social hour was enjoyed, during which the hostess served a delicious sandwich course.

PRESS REPORTER.

Curt Lowe was in from his ranch out west of town Tuesday. Johnnie Spivey of Lekeside was looking after business mat-

ters in the city Tuesday. Mr. and Mrs. E. F. and A. Ansley are here from Fort Worth, guests af the home of their sister, Mrs. Everett Rey-

Mr. and Mrs. R. F. Dennis were in from their farm out southwest of the city, Tuesday, trading and looking after business affairs.

mines fartherest that shines rightest at home."

The ladies voted to have the country the latter part of last week and returned Monday. Mrs. W.O. Seward, mother of Mrs. Hays, returned with them for a visit here.

Mrs. J. F. Stubblefield came from Groom the first of the week and spent several days with her daughter, Mrs. John Fraser. She went to Darrouzett Tuesday morning to visit with another daughters. with another daughter.

Novelty pocket knives. Name ad-

BODY CAPACITY IS CAUSE OF ANNOYANCE

Methods by Which Its Effects May Be Avoided - Possible Reasons for Fading Signals.

Questions have been asked regard-ng an apparent phenomenon in tun-ng. The phenomenon in the case is that just as the operator tuned in his station and removed his hands from the knob, the signals faded out; or it may have been the other way around, and if the operator touches his set while listening to a concert, the sig-

nais will fade out.

This may be caused by body capacity, and while some stations run into it quite frequently, others are not bothered at all. Those living close to broadcasting station will never be thered with it as it only occurs with very close tuning. It is explained by the fact that the capacity of the body coming in contact with the set, which is very finely tuned, is thrown out of adjustment by the outside in-

There are several ways to guard against it, and one of the best is to line the inside of the panel with tin foil or aluminum foil and ground it. In pasting the tin foil on the back of the panel, it is cut away from all binding posts, switch points or rods to prevent short circuiting the set. There is one exception to this, and that is the

ground binding post. If the tin foil is pasted over this, it is, of course, automatically grounded.

Shellac will do to make the foil adhere to the panel, which will not have to be dismantled to be lined, as the foil can be placed on in small stripe.

foil can be placed on in small strips.

Another method of remedying the effects of body capacity is by using metal dials on the variocoupler and variometers; and in sets where the variometers are very close to one an-other, moving them away will help. Or in case it is not desired to change the set, placing a nonmagnetic ma-terial between the variometers which are close to each other and grounding it will remedy the ill effects. For this case, a piece of glass such as photog-

case, a piece of glass such as photographers use, covered with tinfoll on one side, is effective.

Fading signals have long been encountered by amateurs when receiving long-distance stations. In this case, the signals from a goodly distance away may be coming in loud and clear and then without warning fade away. In a few seconds they may return with all their force, and then when the amateur is congratulating himself, again the voices or music die out. Or fading may take the form out. Or fading may take the form of varying intensity of signals, one minute the operator being forced to strain his ears to catch the sound while the next voices may be loud and clear

There have been many theories advanced for this phenomenon, and we are giving today two of the latest. The radio division of the Department of Commerce is reported to be under the impression that fading occurs when a cloud passes between the when a cloud passes between the transmitting station and the receiving set. This theory has been one of the most popular among the experts, and recent tests have been made to obtain more complete data. If the passing cloud theory is a good explanation of fading there will be some new radio development very shortly. The effects of various types of clouds upon effects of various types of clouds upon the signals is being studied, and the results of this study will be of inter-est to everyone interested in radio. Government officials are interested in eliminating fading, or overcoming it as much as possible, largely from the standpoint of the amateur, as the com-mercial stations, having much greater power than amateur sets, are able to dress and photo in handle. Make a nice gift. Fully guaranteed. See me at phone office.—Charlie Morris. great extent.

The other theory, which has a clos relation to the cloud theory, is that fading occurs when the signals pass through an area where rain is falling. In this theory, the idea is brought out in a different manner. It is stated in a different manner. It is stated in effect that clouds are a benefit to the signals, but that the rain will hurt them. The theory is that the condensation of the particles of moisture in the air which form the clouds has the property of making this medium highly conductive to radio signals. Just before a storm when there is more condensation in the clouds, the signals should be at their stronger. signals should be at their strongest.
When the storm breaks, and the air becomes saturated, the condition is said to change and the falling rain actually grounds the signals. This sudden change in atmosphere is stated as the reason for the varying intensity in the signals.

An approximate method of measuring the antenna resistance is by means of a condenser and a calibrated 25ohm resistance unit connected in se-ries. This so-called phantom antenna ries. This so-called phantom antenna is then connected with the antenna and ground circuit to a double pole, double throw switch, so that the output of the transmitting set can be connected either to the antenna and ground or to the phantom antenna cir-

To find the antenna resistance at To find the antenna resistance at any wave length, first tune the set to the desired wave length with the transmitter connected to the antenna and ground and note the antenna cur-rent. Throw the output of the trans-mitter on the phantom antenna cir-

Big Pre-Inventory and Room - Making SALE

Continues Until

SATURDAY, JANUARY 20

Great reduction on everything in stock. Our customers are well pleased. If you have not taken advantage of the great bargains we are offering, do so at once. See the bills and last week's Reporter for a price list.

Only One More Week. Come To - Day!

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SPEARMAN

TEXAS

pacity until the antenna ammeter shows the same reading. The value of the resistance in the phantom circult is the approximate antenna re-sistance at that wave length. This method of measuring the antenna re-sistance is by no means accurate, but will serve as a value from which comparative data can be obtained. By plotting a curve representing the antenna resistance at different wave lengths it is possible to determine whether the antenna being used has its minimum resistance at the wave length on which the transmitting is

Perhaps by changing the physical dimensions of the antenna the minimum resistance can be shifted to the wave length on which it is desired to transmit.

If a counterpoise is not used, the effect on the antenna resistance can readily be measured, approximately, by erecting a temporary one and measuring the antenna resistance before and after the erection. Again it is well to plot a curve showing the relation between the wave length and antenna resistance.

In no case will the curve showing

the relation between wave-length and antenna resistance be smooth. Don't allow bumps in the curve to lead one astray. The absorption of energy by some nearby object will cause the antenna resistance at certain wave lengths to show fictitiously high wave lengths.

Red Cross Gains Strength in All Foreign Fields

In insular possessions of the United States and in foreign lands the American Red Cross scored heavy gains dur-ing the last year, passing the precan Red Cross scored heavy gains during the last year, passing the previous membership high mark of 1918 by 4,261 and advancing the figure to 156,408. The Philippines take the lend, gaining nearly 100 per cent, now having 115,917 members. In Europe the 1921 Roll Call enrolled 11,125, with the Constantinopie Chapter reporting 665, a gain of 33 members. China was 1,782 members, a gain of 596; the little Virgin Islands have 1,000, while the Deminican Republic with 2,927 advanced from its previous high mark by 1,423 new members. Haiti, organized in 1920, now has nearly 1,000 enrolled. Mexico reports 354, a gain of 327 in one year. The American Red Cross has spread its membership over some 70 foreign lands and its Junior membership out side of the United States is close to 700,000. side of the United States is close to 700,000

Read the Reporter.

A COMFORTABLE ROOM AND BED Conveniently Located

The SPEARMAN HOTEL

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MAIN STREET

REASONABLE RATES

Barns Chicken Houses Coal Bins Garages

This Is the Time

of the year when Barns, Coal Bins, Chicken Houses, and hyuses for your car are needed.

Now is the time, also, when labor is pleutiful and easy to procure, to do these jobs with.

Our yard is headquarters for all the material you will need in the construction of them.

Come in and talk the matter over with us. Get our prices. We will give you real, practical help and suggestions that will make the work less expensive for you. Our experience in planning and building is at your disposal.

Barb Wire, Yard, Field and Woven Wire Fencing. All kinds of COAL.

White House Lumber Company

EARL CALLAWAY, Mgr.

SPEARMAN

You will find in our stock many items you will want and they are priced so reasonable you can easily afford them, we are sure. So come

soon and make your selections. We have what you need for the living room, dining room, bed room or kitchen.

To aid you in your choice from

comfortable chairs and tables to

complete cozy nooks by the fire or

new furnishings for any room in

your home, we are offering many

things that will interest you.

Come and see.

ANDREWS HARDWARE COMPANY Spearman



R. W. MORTON

Fords and Fordsons, Sales and Service Spearman, Texas

Back on the Job with a

NEW TIRE SHRINKER

Wide Tires \$1.50 Narrow Tires

All Work Guaranteed

THE AUTO SERVICE

W. E. MIZAR, Prop.

ON ELEVATOR ROW .

SPEARMAN, TEXAS



FURTHER ADVICE ON PUTTING UP ANTENNA

Two Types of Counterpoise Described-Energy Losses Minimized by Proper Location.

It has been stated in previous articles that an antenna system consists of a so-called aerial and a ground. In certain forms the ground is also known as a counterpoise.

Sometimes a counterpoise is made up in a form similar to the aerial and is suspended beneath it. To a certain extent this is true of the counterpoise used on airplanes, which is made up of all the metal parts of the plane.

When the earth is dry or rocky, and onsequently a poor conductor of electricity, a counterpoise consisting of a network of wires is laid on the ground and directly underneath the horizontal part of the antenna. If it is desired to install this form of counterpolse the metallic surface of the counterpolse must be at least equal to that of an-tenna, and for efficient operation, should even be greater than the an-tenna surface. Also the resistance of the counterpoise should be unde as low as possible in order to eliminate the losses that otherwise would take place in it. A counterpoise of the form described is illustrated in Figure 14.

When the ground underneath an antenna is a good conductor, that is to say, is soft and moist, the earth itself.

depends antenna is extremely well adapted for the long distance reception of signals from a given station whose transmitting wave length is

Often by erecting an elaborate an tenna system, the amateur does not get as good results as would be obtained from a simple, well-located one. The function of an antenna is to cut the electro-magnetic and electro-static the transmitter, and have induced in it an electro-motive force which will cause a current to flow in the antenna circuit.

The capacity and inductance of the The capacity and inductance of the receiving antenna plus a small amount of lumped inductance in the station to furnish a drop to operate the receiving set directly or a magnetic field to transfer energy to a second oscillating circuit, should be equal to the natural period of the received wave. Roughly, the natural period of single wire antenna is 1.22 times the length of the antenna proper, plus the leadof the antenna proper, plus the lead-in. This natural of the antenna sys-tem should be, as stated above, just slightly less than the wave length on which reception is desired. By actual experiment it has been found that the received energy is the same for a single wire as for a multi-wire anten-

single wire as for a multi-wire anten-na, unless the spacing between the wires is very great. The greatest ad-vantage of a single-wire antenna is mechanical. It is much simpler to erect, due to the absence of spreaders, and it will withstand severe storms which would tear down a multi-wire antenna with the same supports. Not all the energy induced in a re-

ceiving antenna by the wave produced by the transmitting station is useful. Part of the energy is reradiated, part is lost due to the resistance of the an-

Buried counterpoise Fig. M

is often used as a counterpoise and connection is made with it by means of a number of copper plates or an interconnected network of wires, sunk into the ground at various places with in the area underneath the antenna. These buried conductors should have a low resistance and should be put a low resistance and should be put deep enough so that the earth around them is permanently moist. See Fig-ure 15 for a counterpoise of this type. The Beverage antenna is one of the most recent additions to the art of

short-wave radio reception. Due to its characteristics, it was used at Ar-drossan, Scotland, last December, when 28 amateurs succeeded in bridg-ing the Atlantic with radio.

The Beverage antenna is adapted to be reception of signals on a single predetermined wave length. It ists of one wire supported on 10 to 2-foot posts, this wire having a length of either one or two even wave lengths. If designed for 200-meter reception, the wire will be either 6,500 or 1,300 feet long.

Unlike the customary form of an Unike the customary form of antenna, this wire is grounded at both ends. At the far end, away from the receiver, it is grounded through a non-inductive resistance of from 250 to 400 ohms, and at the receiving end through a variable inductance. In the case of the receiver used at Ardrossan, five stages of radio frequency amplification, a regenerative detector and two stages of audio frequency amplification were used.

As stated above, the Beverage an tenna is designed for reception of a single wave length, depending on the length of the antenna wire. If other length of the antenna wire. If other wave lengths are to be received, the length of the wire must be changed. It has been found that the signal strength using 1,100 feet of wire, 12 feet above the ground, is approximately the same as would be heard with a single vertical antenna wire, 130 feet in height. However, the Beverage antenna is highly directional, and on account of this fact, interference from directions other than those from which one wishes to receive is reduced to a minimum. Also, due to the short disminimum. Also, due to the short dis-tance from the ground, static and at-mospheric disturbances are almost

the eddy currents produced in neigi boring non-conducting material, and part is lost by leakage around the an-tenna insulators. All of these losses

can be reduced to a minimum by properly locating and erecting an antenna.

The losses due to eddy currents can be reduced by erecting the antenna so that it will not be near any objects such as houses, barns, trees, etc. The resistance loss can be reduced by us-ing a heavy conductor of low highing a neavy conductor of low nigh-frequency resistance, such as stranded phosphor bronze cable, Good, long insulators with pienty of surface creepage distance will minimize in-sulator leakage. Just as much care should be taken in bringing in the lead-in as in erecting the antenna. Don't run the lead-in close to a wall for any great distance.

It is always desimble to have an antenna just as high as pessible, not only to receive the maximum amount of energy, but also to prevent shield-ing. If an antenna is erected on a site surrounded by high buildings containing conducting material, the build-ings will shield the antenna electrical-ly. That is, the energy is absorbed by the buildings and little is left for the antenna. Sometimes an antenna is

shielded by some object in such a manner that reception from one particular direction is impossible. Keep the antenna and lead-in as

Keep the antenna and lead-in as far as possible from electric light and power lines. If a power line runs nearby, run the antenna at right angles to it, and so obtain the minimum amount of interference.

The best receiving antenna for amateur and broadcasting wave lengths is a single wire 100-175 feet long, constructed of standard copper, phosphor bronze or copperweld wire, just as high and far away from surrounding objects as it is possible to just as high and far away from sur-rounding objects as it is possible to get it, and with a lead-in brought down from one end and kept at least three feet away from the house. An antenna for this type not only gives good results but will withstand storms and is not objected to by the landlord and neighbors.

Subscribe for the Spearman Reporter, \$1.50 per year.

On March 1, 1923, I will open in Spearman what will be known as the

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A beautiful line of Spring Millinery-Also the newest in materials and trimmings

SUITS, COATS, DRESSES

which I will make up on approval.

Mrs. Chas. Endicott

RADIO FLASHES

The New York-to-Brazil airplane carried a two-stage radio receiving warnings, time sig-nals, news bulletins and enter-

tainment.

All ships sailing from American harbors and carrying 50 persons are required by law to maintain and operate a radio set capable of covering at least 100 miles.

set capable of covering at least 100 miles.
Every one of the 15 air-mail stations in the United States is radio-equipped. It is planned to provide a few of these with radio telephone, as well as radio telegraph, service.

Montelair, N. J., 'has installed in its high school an aerial equal

Monteair, N. J., has installed in its high school an aerial equal in size to some of the broadcasting stations. The receiving set is in the physics department and many of the pupils are licensed operators.

It is reprorted that government

censed operators.

It is reported that government experts have noticed that high-frequency waves from radio broadcasting stations nearby have caused vegetation to take on a larger growth and reach maturity sooner than under or-dinary conditions.

It is proposed to increase the facilities for broadcasting by varying some of the many 360-meter stations by 250 or

meter stations by 25 or more meters. It is believed that this arrangement would permit more of the stations to operate at the same time and make it unnecessary to divide the time into so many rather short positions. many rather short periods

FOR SALE OR RENT—The east one-half of section 69. Sale price \$17.50 per acre. Liberal terms. Or will make a deal for breaking and planting. Or will improve same and rent. If interested write J. F. Hill, Marlowe, Oklahoma, making a proposition.

J. C. JONES, M. D.

Physician and Surgeon

& S. F. Ry. Surgeon. Office at
ouse Drug Company. Phones—
e, S; Residence, 9. Spearman,

DR. J. C. MAY
Physician and Surgeon
Perryton, Texas. Phone connections.

c. D. WORKS

Abstracts, Loans, Insurance,

R. T. CORRELL Lawyer

Texas Walter R. Allen
ALLEN & ALLEN
Lawyers

WALLACE G. HUGMES
Lawyer
Suites 3 and 4 First National Bank
Building, Guymon, Oklahoma.

G. R. WILSON

Funeral Director and Embalmer

Full line Caskets and Robes. Promp

Service, Phone 58. Perryton, Texas.

NO TRESPASSING

The public will please take notice that I will not allow hunting or fishing in my pasture on the Palo Duro, west of Spearman. Please observe this notice and avoid trouble. 20116p Mrs. JOS. W. JONES.

NOTICE TO THE PUBLIC

I will sell wood for \$5.00 per four horse load. It will be necessary to either phone or come to headquarters before getting the wood, otherwise you will be treated as trespassers.

Positively no hunting allowed.

W. T. COBLE,
Owner of the Turkey Track Ranch.

A REAL BARGAIN

NOTICE

All those knowing themselves indebted to Drs. Haney & Gibner are expected to make satisfactory settlement by January 20, either by payment by January 20, either by payment or bankable note. Strangers are expected to pay the cash. 2t3

One Avery Gas Tractor, 25-50 H. P., 10 disc plows, and three tandem disc harrows, for sale or trade, This outfit is in good repair; ready for service on the spot. Will sell or trade. Call at Andrews Hardware Company, Spearman, Tex. 50tf

Official Statement of the Financial Condition of the

GUARANTY STATE BANK

at Spearman, State of Texas, at the close of business on the 29th day of December, 1922, published in the Spearman Reporter, a newspaper printed and published in Spearman, State of Texas, on the 12th day of January, 1923.

RESOURCES	
Loans and Discounts, personal or collateral	800.00
Overdrafts Bonds and Stocks	21.00
Real Estate (banking house) Furniture and Fixtures	
Due from other Banks and Bankers, and cash on hand Interest in Depositors' Guaranty Fund	36,210.70
Assessment Depositors' Guaranty Fund Stock in Federal Reserve Bank	2,118.36
Warrants Purchased	3,970.86

\$82,305.83 LIABILITIES

Capital Stock paid in
Surplus Fund
Undivided Profits, net
Due to Banks and Bankers, subject to check, net...
Individual Deposits, subject to check
Time Certificates of Deposit
Cashier's Checks
Other liabilities, Collection Acct. (Special Deposit). \$82,305.83 TOTAL ..

State of Texas, County of Hansford,
We, I. E. Cameron, as president, and H. E. James,
said bank, each of us, do solemnly swear that the abis true to the best of our knowledge and belief.
I. E. CAMERON, President.
H. E. JAMES, Cashier.



Reliable Service

That is one of the many reasons our customers have for giving us the good business we have enjoyed during the year just passed.

They have found that our service can be depended upon at all times.

Don't forget to call for your "S. & H." Green stamps. Ask for them for the same reason that you take your change after a purchase, or interest at the bank—because you earn them. They represent your discount.

DRY GOODS and GROCERIES

Phone 78 · · · · · · SPEARMAN

Star Meat Market

is offering fresh meats Best Round Steak Steak

Chuck Roast Short Cut T-Bone ore Round Steak Boiling beef . Good Roast beef Fresh Pork steak Pork Chops . Bulk Compound

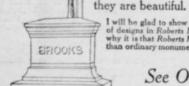
Buy at the Star Market G. W. FAUS & SON

SALESMAN WANTED solicit orders for lubricatinr oils, greases and paints. Salary or Commission. Address THE HARVEY OIL CO., Cleveland

CATARRHAL DEAFNESS

is often caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube is inflamed you have a rumbling sound or imperfect hearing. Unless the inflammation can be reduced, your hearing may be destroyed forever the extra construction of the extra con

ROBERTS MEMORIALS The extremely high quality of the granite and marble out of which they are artistically carved makes Roberts Memorials as durable as



I will be glad to show you the large variety of designs in Roberts Memorials and tell you why it is that Roberts Memorials cost no more than ordinary measurement.

See Oran Kelly

COME AND SEE MY

Duroc Hogs

Sons and Daughters of the Champions

All spring boars are sold. Last one brought \$150. Have a few bred gilts and sows. Better get a start now.

J. A. MEADE

Eight Miles South and Two West of Guymon Visitors Always Welcome

your life."

BILL, the Builder

Hits the nail on the head when he

says, "Tis cheaper to build well at

the start than to make repairs all

Panhandle Lumber Company

GOVERNOR NEFF

Synopsis os speech delivered by Governor Pat M. Neff at Fred ericksburg, Texas, on the sub-ject of taxation.

If there is any part of the Texas statutes that is rude and crude aud inefficient, unjust and unfair, it is that part which contains the Tax Laws of this state, was the startling declaration made by Governor Neff in his address here today. Let us remove our constitutional stumbling blocks, rewrite the tax laws, fix a standard of valuation, make every dollars worth of

make every dollars worth of poperty and every privilege pay its rightful tribute to the state government. Then our burdens, equally borne, will be light on all and we will have money enough to build in this state a circlivation worthy of our rare.

civilization worthy of our rare, rich and romantic history. Texas will then within a few years be made the best place in all the world in which to live

and prosper.
Continuing, the Governor said

that the Constitution of Texas declares that taxation shall be

money from the state than they pay the state, while other coun-

to the state far more than is ever received back. He stated that

ten counties, taken collectively, received back from the state

during the three years preceding 1922, all the net taxes from all sources by them paid to the state

and in addition the sum of \$2,836,385. On the other hand a large number of counties, equal

in property value pay into the state treasury considerably more

s of equal property value pay

ON TAXATION

A Special Notice

will appear in this space next week. Watch for it.

Spearman Equity Exchange

equal and uniform, but really we have no tax laws worthy of consideration. He said it requires vo'ume, value, and inc m of the severed taxable is known. Speaki g of he oil production of Texas, he said, we are producing approximately ten million barrels of oil a month. We get practically no revenue from it. Under our law, the big oil companies that build the expensive filling sta-tions on the street corners throughout the state, pay little or no gross tax on the oil commod-ities headled by them at itis handled by them at these filling stations, while the little fellows who own no oil throughout the state. It is the rule and not the exception. To meet the situation, a majority of states have created State Tax Commissions clothed with pow r to equalize values. In many instances, he said, these commissions administer all of the tax laws. In none of such states, he said, does there exist inequalities remotely comparable to wells r refineries, are forced to pay a two per cent gross tax. As a result of this law passed in the in terest of the big oil comis squeezed out of business and the fil ing stations owned by the big concern control the market at oi filling stations of Texas. ities remotely comparable to Texas. Another high spot of his address was that in which he A law that permits a thing of this kind is fundamentally said that a large number of counties in Texas receive more

Incidentally, he said, with one exception the principal owners of pipe lines in T-xas, refuse to make reports required by statute.
Il refuse to pay the tax imposed.

The contention is that the statute is unconstitutional, remarked the Governor. Were it not for the issue raised, it is estimated that the revenue coming to the state under this provision of the law would approximate two

million dollars each year.

Another recommendation shoud be of interest to those engaged in oil industry. He declared it would be better to place pipe state treasury considerably more than is ever received back. He declared that the state should have a standard of valuation; that there should be new tax laws reaching into the fields of the untaxed taxable, tangible and intangible, and a proper understanding of the value of privilege, as well as property, and with the coming of these new laws, there is no sound reason why, with the burden equitably distributed, our tax rates, both county and state, should not be very materially reduced. He recommended carefully prepared severance laws to secure just division of realized line companies and their activities under the operation of the intangible assets law for the reason that in this manner, their income may be capitalized and a fair valuation for taxing purposes reached. Under an inheritance tax law, properly drawn and administered, he declared that Texas should be receiving from this source of taxation at the present time far in excess of one million dollars per annum. It may interest the tax payers to know that under our present infully prepared severance laws to secure just division of realized income growing from oil wells of Texas and other sources of the state's economic wealth. He cited the severance tax laws of Pennsylvania, West Virginia, and Oklahoma, which produce large revenues for the state from coal deposits, iron ore beds, and in Oklahoma, he said, the taxes levied equal to three per cent of the value of all oil produced over royalties, machinery and derricks the tax payers to safe that under our present inefficient tax laws, approximately six million dollars are now due the state as delinquent taxes. This does not include the millions of dollars properly and equitably due the state that never get to the state, the Governor said, and in justice to those who do pay their taxes, this past-due tax money should be collected. If he were writing the tax laws for Texas, he would

royalties, machinery and derricks at well untaxed. In his opinion, a severance tax, whether imposed upon value, reached by capitalized earnings or upon gross production, is far more equitable than is the property tax, inasmuch as in every instance and before the tax adheres, both ways, he would levy an income tax, an inheritance tax, a tax on natural resources, franchise tax, a tax on certain occupations and a tax on certain occupants. other corporate privileges. • In other corporate privileges. • In other shoult render to Clesar the things that are Caesar's".

He emphasiz d that assessed valuations should be equalized to the end that in all sections of the state, both real and personal property should be taxed in pro-portion to its value. "Let me "Let me here state that land taken as a whole is carrying far too much whole is carrying did not be state's tax burdens", said of the state's tax burdens", said the Chief Executive. "It should carry its proper share and be so equalized as to valuation that in every county it will bear its CORRECT-ATTEST:
proportionate part". FRED W. BRAN

WANTED-To hear from owner having farm for sale. Address Fred of B. Mitchell, Box 98, Texarkana, Ar-LOST RING—Large plain, gold band, engraved initials "E. R. W.

This is a wedding ring, 25 years old and prized very highly. Finder will please leave at the Reporter office. Reward.

NOTICE TO THE PUBLIC

No hunting or fishing will be allowed in the Diamond C pastures, on the headwaters of the Palo Duro. These lands are posted and trespassers will be prosecuted. JAMES H. CATOR & SON.

HUNTERS TAKE NOTICE

Hunting will not be allowed in the VZ pasture, on the Palo Duro. Hunters will please take notice and avoid trouble, as I will positively prosecute all such as trespassers. RUTLEDGE HENDERSON, Manager.

S. C. TYLER, Owner.

TO THE PUBLIC

Having posted my ranch lying in the northeast corner of Hansford county, along the Palo Duro creek, as required by the law of Texas, this is to specially call attention to any one fishing, hunting or trespassing in any way therein, that they will be prosecuted to the full extent of the law.

GUS B. COOTS, 36t52* Owner of Palo Duro Ranch.

a, Ar36tf.

Buro. Fishing and hunting is positively forbidden.

SAM ARCHER, Owner

New Meat Market

Nothing but the very best in FRESH and CURED meats.

City Meat Market

East Side Main

Charter No. 10871

Report of the Condition of the

FIRST NATIONAL BANK

at Spearman, in the State of Texas, at the close of business on December 29th, 1922. RESOURCES

\$207,373.13

shown in b and c)

Total loans

Overdrafts, secured; unsecured

Other bonds, stocks, securities, etc...

Banking House, \$4,000.00; Furniture and fixtures \$2,000.00

Real estate owned other than banking house Lawful reserve with Federal

Cash in vault and amount due from national banks

Amount due from State banks

banks
Amount due from State banks, bankers, and
trust companies in the United States (other
than included in Items 8, 9, and 10)......
Checks on other banks in the same city or
town as reporting bank (other than Item 12)
Total of Items 9, 10, 11, 12, and 13....
Other assets, if any......

TOTAL

126.562.85

\$207,373.13 740.93 1,500.00

20,545.41

1,735.78

10.35

\$271,317.35

2.043.70

12,537.33

3,747.80

7,000.00

9,110.24

\$271,317.36

LIABILITIES

Capital Stock paid in...

Surplus fund
Undivided profits,
c Less current expenses, interest, and
taxes paid

Cashier's checks outstanding
Total of Items 21, 22, 23, 24, and 25...
Individual deposits subject to check.

Certificates of deposit due in less than 30 days

Certificates of deposit due in less than 30 days
(other than for money borrowed).
Total of demand deposits (other than bank
deposits) subject to reservo...
Certificates of deposit (other than for money
borrowed)

borrowed)
State, county, or other municipal deposits secured by pledge or assets of this bank or surety bond
Other time deposits
Total of time deposits subject to Reserve, Items 32, 33, 34, and 35.
Bills payable (including all obligations representing money borrowed other than rediscounts)
Notes and bills rediscounted, including acceptances of other banks and foreign bills of exchange or drafts sold with indorsement of this bank

State of Texas, County of Hansford, ss. C. W. Carson Jr., Cashier of the above named bank, do solemn that the above statement is true to the best of my knowledge as

C. W. CARSON Jr., Cashler,

Subscribed and sworn to before me this 16th day of January, 1923.
P. A. LYON, Notary Public,

FRED W. BRANDT, B. V. ANDREWS, R. L. M'CLELLAN,

Read the Reporter.