

# The Baird Star.

Our Motto: 'TIS NEITHER BIRTH, NOR WEALTH, NOR STATE, BUT THE GIT-UP-AND-GIT THAT MAKES MEN GREAT.

VOLUME NO. 35.

BAIRD, CALLAHAN COUNTY, TEXAS, FRIDAY, MAY 26, 1922.

NO. 25

## COYOTES WIN FROM STRAWN

Two Out Of Three Games Friday, Saturday and Sunday. Umpires Decision Good

The Baird Coyotes have started the season playing good ball. In the three game series played with the Strawn Miners Friday, Saturday and Sunday, they won two. The Ray brothers, Rawleigh and Lonnie, occupied the mound and pit respectively, in Friday and Sunday's games, Broadfoot taking Rawleigh's place in the Saturday game. The visitor's pitchers were Sapirino, for the first two games, Papilio taking the mound Sunday. Jackson held down the plate for all three games.

In Friday's game the superb work of Rawleigh Ray and his splendid field and pit support, shut the Miners out, the score being 3 to 0, the visitors securing but three hits.

In Saturday's game the Miner's retrieved themselves, ambling across the plate nine times, while Baird batters scored a trio. It was good ball, with few errors and one or two brilliant plays.

In Sunday's game, when Baird went to bat in the second half of the seventh inning, the score stood four to two in favor of Strawn. Two Baird batters crossed the plate and tied the game.

In the eighth inning Strawn failed to score and was goosegged in the ninth. Baird scored, winning by a tally, the score being 5 to 4.

There was a dispute over Baird's tally, but Umpire Fred Frazier declared that Gus Hall, who was on third, with Ollie Jones at first, and Earl Hall at bat, with two out, crossed the plate safely and scored, before the ball had been retrieved from center field and put the third man out.

Regarding this decision an anonymous correspondent of The Star's Sports Reporter, writing from Clyde, takes issue with Umpire Frazier's decision, and quotes Wm. B. Ruggles, Sports Editor of The Dallas News as his authority. It is beyond peradventure that if Mr. Ruggles had been on the field and seen the play, he would have decided differently, for there is nothing ambiguous about Rule 59, on which Umpire Frazier predicated his decision, and which reads as follows:

"Rule 59—One run shall be scored every time a base runner, after having legally touched the first three bases, shall legally touch the home base before three men are put out. Provided, however, that if he reach home on or during a play, in which the third man be forced out or put out before reaching first base, a run shall not count."

No one could dispute or cavil over its meaning. Earl Hall reached first in safety and Gus Hall had crossed the home plate before the ball was fielded and Ollie Jones put out at second base. That's plain enough. Why argue? Play ball!

The new Municipal Forum will be formerly opened next Tuesday night at 8 o'clock by the Glee Club of Abilene Christian College. An admission fee will be charged, and every penny above actual expenses will be turned into the Forum building fund by the Glee Club.

## "GOAT" AND SISTER WELL HAVE BEEN ABANDONED

After sinking \$159,000 in a determined and courageous effort to tap a big lake of liquid gold in the Midland Texas well, nine miles southeast of Baird, Field Manager W. W. Kirby has drawn and sold the casing to Pioneer parties, plugged the dry hole, and, as soon as he disposes of the rig, will shake the dust of Callahan County off his feet and depart for fresh fields and pastures new.

In October, 1919, Manager Kirby made location not far from the abandoned "duster," spudded in and began to sink the drill in what, when the hole was 492 feet deep, became choked up one cold night with dead and dying goats, which, taking shelter in the pump house to escape the biting, wintry blast, jumped or were pushed into the well. An abortive attempt was made to drill out the goat flesh, but soon abandoned, as was the well. The rig was skidded a short distance and a new well spudded in February 21, 1920.

The history of this well was one of perplexity, vexatious delays and expensively annoying accidents. Optimistic Mr. Kirby, however, kept going on down, deeper down, until the point of the drill was 3,953 feet from the surface. This well was shot twice, in the Ranger horizon and the Caddo lime, but there was nothing doing.

The Star, and every one of its readers who has had the pleasure of meeting Mr. Kirby, regrets that inexorable fate compels him to soon leave Baird and seek the hazard of a new fortune elsewhere, and all his many friends wish him an easier time and much better luck in any field of business endeavor he may enter.

A new deep test field has been opened in the Cottonwood Admiral section. One of these locations, south of Cottonwood, is to be drilled by T. S. Holden, of Pioneer. A second well has been located between Cottonwood and Admiral and the third near Admiral.

The Dudley Oil and Gas Company is putting down a well near Dudley, using the only rotary drill employed in Callahan County.

## ATTENTION NOBLES MYSTIC SHRINE

All members of the Ancient Arabic Order Nobles of the Mystic Shrine of Callahan County are especially and cordially invited to be present at Baird, Tuesday, June 6th, to meet the Shriner Special Train, on their way to San Francisco, at 2 p. m. Bring your fez and do not fail to be here.

## PUBLIC INSTALLATION OF EASTERN STAR OFFICES

Callahan Chapter No. 242 Order of the Eastern Star will hold a public installation of officers at the Masonic Hall on the night of March 31st, after which a banquet will be served to the Master Masons of Baird Lodge No. 522 A. F. and A. M., and their wives. All visiting Masons and Members of the Eastern Star are cordially invited to attend.

Born to Mr. and Mrs. Joe Prew, of Balmorhea, Friday, May 11, an 11-pound boy. The Prews are well known here and the Balmorhea Herald announces that mother and babe are doing well.

## EARL MORLEY WAS THE HOST

To More Than Half Of Baird's People Yestereve, At Dedication Of New Home

Earl Morley, Superintendent of the Baird Light, Power & Ice Company, was host to more than half of Baird's total population yestereve—big, little, male and female, old and young—when he took formal position of the corporation's new home, and every one of his guests went home confident that the American Public Service Company, of which the plant he manages is an unit, is, of a verity, the people's best friend.

The Stan has already fully described the B. L., P. & I. Co.'s new home, and its yestereve guests were as enthusiastic over its yet budding beauties, and its as yet hardly perfected business machinery as a small boy over the arrival of the long mid-summer vacation or a high school miss over her first beau.

To gustatorily entertain his guests Superintendent Morley had provided five hundred boxes of ice cream and oodles of punch. No one was slighted by the pretty girls who served the cream and many of the boy kids doubled up 'em and secured two boxes.

Judge Ben L. Russell was the toastmaster and he performed his duties in his usually urbane and felicitous manner. The program presented was ushered in with music by the Baird Municipal Band, followed by readings by the little Misses Madge Holmes and Mary Darby, a felicitous serio-comic talk by that splendid "Jew from Ireland," O. D. Murphy, of Chicago, Baird and everywhere else, who kept the big audience amused and interested for twenty minutes with his funny nigger stories between which was larded some brass tacks facts concerning the A. P. S. Company.

Mrs. Ross Williams, sang, accompanied by her talented brother, Harold Wristen, who also played a popular air, with that splendidly interpretative touch and perfection of technic for which he is distinguished. There was present many members of this unit of the American Public Service Company's executive staff, and one and all complimented Superintendent Morley on his most successful housewarming.

## CULLEN F. THOMAS AT BAIRD.

Hon Cullen F. Thomas, candidate for United States Senator, will speak in Callahan County on the following dates:

Clyde, Monday, June 5th, 2 p. m.

Baird, Monday, June 5th, 8 p. m.

Come out and hear Mr. Thomas, who is justly rated as one of the best public speakers in Texas. Twenty-seven years ago Mr. Thomas and the editor of The Star served as members of the 24th Legislature. Mr. Thomas, then a young man, was counted as one of the most interesting speakers in the House of Representatives and always commanded the attention of all members, something that few speakers could do.

Putnam, which was recently incorporated, held its first election Monday, May 15, with the following result: Mayor, F. P. Shackelford; Aldermen, W. A. Everett, W. A. Buchanan, S. W. Jobe, Joe Neuman and B. L. Clinton.

## THE LONG MID-SUMMER VACATION BEGINS TODAY

The long summer vacation for the pupils of the Baird Public School has begun, and tonight twenty-four of its students will receive certificates of graduation and thus perform their last scholastic function.

Last Monday night the Intermediate Department pupils had their inning at entertaining their parents and friends, when they rendered a very interesting program in the Auditorium, before a packed house, the piece de resistance being the more or less veracious story of "Pocahontas," with Indians in war paint and feathers, determined on having the scalp of the swash-buckling Captain John Smith.

Last night the Senior Class Play, a comedy-drama in three acts, "The Dream That Came True," was presented. The thespic seniors also played to a packed house, and the actors acquitted themselves most creditably.

An admission price was charged and quite a handsome sum was realized.

## ROWDEN'S COMMUNITY SERVICE

Rowden people held their first community service last Sunday and it was a very successful and interesting affair. People from Baird, Clyde, Abilene, Putnam, Cottonwood, Oplin, Belle Plaine, Cross Plains, Pioneer and Admiral.

The Rev. Mr. Williams, of Abilene, preached a sermon at 11 a. m. A quartette, consisting of Miss Miller and Messrs. Pool, Gibbs and Smedley, sang several appropriate songs at the morning service.

Dinner, which could not have been excelled for quality or quantity, was served on the grounds at 1 o'clock, with all the graciousness of West Texas hospitality.

Victor B. Gilbert, of Putnam, at the reassembly, after dinner, made a very interesting talk on "Character Building," and other visitors supplemented it with brief remarks. Under the direction of Mrs. Harris the children of Rowden rendered a program consisting of music, songs, readings—a "singsong" in which all joined and enjoyed until a late hour.

Rowden community is to be commended for reviving ye olden time hospitality, which our fathers and mothers were famous for.

A Guest From Belle Plaine.

## MARRIED

Mr. Fred Hooten, of Dallas, and Mrs. Mattie Williams Cain, were married at the home of the brides' sister, Mrs. Ed Lambert, Tuesday afternoon, May 23, 1922 at 2:30 o'clock. Rev. C. A. Loveless, pastor of the Baptist Church officiating. The wedding was a quiet home affair. Mr. and Mrs. Hooten left on the night train for Dallas, their home, followed by the best wishes of many friends in Baird, where the bride has lived all her life.

## TAKE NOTICE

Two Rifles have been taken from the American Legion Hall. These rifles are the property of the United States Government and their disappearance must be reported to the Department when the matter will be investigated. Please return them to the hall at once. I will be compelled to make my report by June 1st.

C. E. Hall, Commander.

## OH! BAIRDITES LET'S CLEAN UP

Our City And Make It So Sanitary That All Disease Germs Will Pass Us Up

A committee from the Baird Progressive Club, who are rather ashamed of the dirty and unsanitary condition into which we have permitted the city to lapse, will ask Mayor J. I. McWhorter to issue a proclamation calling upon the citizenship generally to clean up their premises and ordering the Street Department to look after the streets and alleys.

It will be necessary for the city's good name to have it in a spick and span and spotless condition on or before Tuesday June 6, when a horde of Nobles of the Mystic Shrine from Mosiah Temple, at Fort Worth, will stop her thirty minutes en route to San Francisco, to attend the Grand Council of the order.

There are many Shriners in Baird and Callahan County, and they will surely turn out, wearing their red fezzes, to bid their fellow Nobles welcome. For their sake, and for the glory and fair fame of Baird, let us present to their view a clean city. Then there are other reasons, too numerous to particularize, why we should put the municipality in absolutely sanitary condition.

## VARNER MAY CHALLENGE WINNER

Promoter Ed Merrell announces that he has arranged a boxing contest between Sailor Tucker, of Abilene, who is well known to Baird boxing fans, and Battling Bailey, of El Paso, who has won a high place in fistiana, for tomorrow night, when they will box for honors at the Airdome, in ten two-minute rounds, Marquis of Queensbury rules, for the benefit of the Baird Base Ball Club.

Preliminary to the main event there will be several settos with the padded mitts, between local boxers. The Baird Municipal Band will furnish the music. Special accommodations have been provided for the accommodation of lady patrons and, as always, in the athletic events heretofore managed by Mr. Merrell, the best of order will be maintained.

The admission price, including the war tax, will be \$1.10 for ring-side seats and 55c, including the war tax, for general admission. There will be music by the Municipal Band. The affair has been extensively advertised and a big crowd is expected. In the afternoon, at 4:30 o'clock, the Baird Coyotes will play the Moran Drillers at T.P. Park at 4:30 o'clock.

The contests in the Airdome will begin promptly at 8 o'clock. It is rumored that Boxer Walter Varner, of Cottonwood, will challenge the winner of the main event.

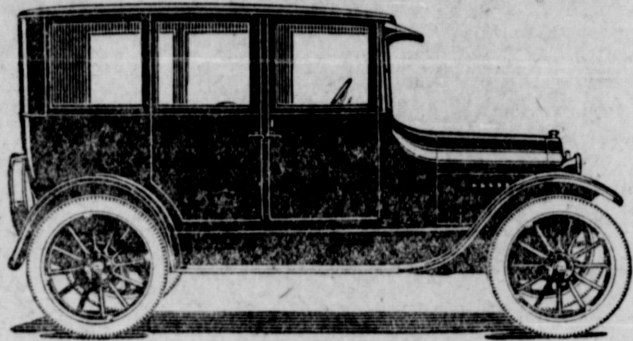
## MRS. W. K. DAVIS OF ADMIRAL DIES SUDDENLY

Mrs. Davis, wife of Maj. W. K. Davis, of Admiral, died suddenly this morning. No arrangements for the funeral will be made until members of the family at a distance can be heard from.

Walter Varner, the boxer, of Cottonwood, spent Wednesday night in Baird.



# CHEVROLET SEDAN



\$1,035.00 DELIVERED

Do you want a good automobile, at a low price? Then you will have to see the Chevrolet.

Do you want a powerful car, equipped with an economical valve-in-head motor? Then you will have to see the Chevrolet.

Do you want a well built chassis, of careful design, of correct material? Then you will have to see the Chevrolet.

Do you want a good-looking automobile, fully equipped, possessing every feature you need for comfortable motor car driving? Then you will have to see the Chevrolet.

Do you want low first price and low up-keep expense? Then you will have to see the Chevrolet.

The Chevrolet, today, is called the superior Chevrolet on account of the many improvements added during the last six months.

The Chevrolet offers to the discriminating buyer a wide choice for selection.

The Chevrolet complete line consists of the following models:

Two size Fours: Open models \$525 and \$975; two size Coupes, \$875 and \$1575; and two size Sedans, \$875 and \$1575; all prices f. o. b. Flint.

It will be a pleasure to demonstrate any Chevrolet model to your entire satisfaction. Your telephone message will receive prompt attention

Some day you will own a Chevrolet



**BAIRD GARAGE**

W. J. RAY, Proprietor

Automobile Accessories, Gas, Oil, Repairing and Storage.

BAIRD, TEXAS

## The Electric Way

The modern housewife uses a Vacuum Cleaner, saves her nerves, her health and back, and makes the rugs and floor coverings last much longer by not beating them to pieces with a wire whip or broom handle.

The Vacuum Cleaner removes all the dirt and prolongs the life of the floor coverings. Let us make your house-cleaning a pleasure this spring by placing in your home one of these labor saving appliances.

## Save Your Clothes

An Electric Washing Machine does the same for your clothes as the Vacuum Cleaner does for your rugs—prolongs the life.

Any housewife who has the weekly family washing to do knows the unpleasantness of the wash tub, the washboard, the scrubbing with her knuckles and all the other horrors of Wash Day.

Transform this weekly Wash Day into a Day of Pleasure. The job can be done quicker and the housewife can have half of the day to devote to other things. And besides, washing your clothes with an Electric Washing Machine lengthens the life of every article. Phone us for Demonstration, or call at our office and look over the many useful Electric Household Appliances we have.

**BAIRD LIGHT & ICE CO.**

EARL MORLEY, Mgr.

### NOTICE, GUARDIANSHIP

The State of Texas. To the Sheriff or any Constable of Callahan County, Greeting:

You are hereby commanded to cite all persons interested in the welfare of Clarence Loy O'Dell, Floyd Alva O'Dell, and Robert Lee O'Dell, minors, to appear at the next regular term of the County Court of Callahan County, to be holden at the court house thereof, in the city of Baird, on the first Monday in June, A. D. 1922, the same being the Fifth day of June, A. D. 1922, and contest, if they see proper to do so, the application of Mrs. Victoria O'Dell, which has been filed in said court, for the guardianship of the person and estate of said Clarence Loy O'Dell, Floyd Alva O'Dell and Robert Lee O'Dell, minors.

Herein fail not, but have you before said court at next term thereof, this writ, with your return thereon, showing how you have executed the same.

Witness Grady G. Respass, Clerk of the County Court of Callahan County, Texas.

Given under my hand and the seal of said court, at office in the city of Baird, this 17th day of May, A. D. 1922.

Grady G. Respass, Clerk, Of County Court of Callahan County, Texas

I hereby certify that the above and foregoing is a true and correct copy of the original citation now in my hands.

G. H. Corn, Sheriff, 24-3t of Callahan County, Texas.

### Telephone Subscribers

Use your Telephone to save time, it will serve you many ways--in business socially or emergency. Your Telephone is for yourself, your family or your employees only. Report to the Management any dissatisfaction.

T. P. BEARDEN, Mgr.

### ANNOUNCEMENTS

We are authorized to make the following announcement, subject to the action of the Democratic Primary For County Tax Collector:

Clyde White.  
Oral D. Stralan, Cottonwood,  
W. C. Martin, of Baird.

For Sheriff:

G. H. Corn (re-election).  
C. E. Bray, Belle Plaine.  
D. W. Pool, of Eula,  
J. F. Tucker, Belle Plaine.

For Tax Assessor:

Wm. J. Evans, Cottonwood.  
W. L. Bowls, Baird.  
John E. Tatum, Belle Plaine.  
Willie T. Wilcoxon, Cottonwood.  
G. E. Printz Baird.  
J. F. (Frank) Collins, of Clyde

For County Judge:

W. E. (Eugene) Melton, Baird.  
Victor B. Gilbert, of Putnam.

For District Attorney:

L. W. Green, Baird.  
W. P. Mahaffey, Abilene.  
M. S. Long, of Albany.

For County Attorney:

B. F. Russell, of Putnam.

For County Treasurer:

Mrs. J. Roy Jackson, of Baird.  
Mrs. Ed Yarbrow, of Baird

For District Clerk:

Roy D. Williams, reelection.

For County Clerk:

Grady G. Respass, reelection.

For County Superintendent:

B. C. Chrisman, reelection.

For Commissioner Precinct No. 1.

A. R. Keiton, re-election.

For Commissioner Precinct No. 2:

J. H. Carpenter, of Dudley.  
J. B. Dickson, Oplin.  
J. C. Steakley, of Oplin,  
W. Y. Cleveland, Rowden.

For Commissioner Precinct No. 3:

Sam McClendon, of Admiral.

For Justice of the Peace, Pre. No. 4

H. Windham.

### NOTICE PROBATE OF WILL

The State of Texas: To the Sheriff or any Constable of Callahan County Greeting:

You are hereby commanded to cause to be published once each week for ten days, exclusive of the day of first publication, before the return day hereof, in a newspaper of general circulation, which has been continuously and regularly published for a period of not less than one year, in Callahan County, Texas, once each week for three consecutive weeks before the return day hereof, a true copy of the following citation.

The State of Texas: To all persons interested in the estate of J. B. Cutbirth, deceased:

W. P. Brightwell, V. E. Hill and W. S. Hinds have filed in the County Court of Callahan County, Texas, an application for the probate of the last will and testament of said J. B. Cutbirth, deceased, filed with said application, and for letters testamentary of the estate of J. B. Cutbirth, deceased, which will be heard at the next term of said court, commencing on the first Monday in June, A. D. 1922, the same being the Fifth day of June, A. D. 1922, at the Court House thereof, in Baird, at which time all persons interested in said estate may appear and contest said application, should they desire to do so.

Herein fail not, but have you before said court on the said first day of the next term thereof this writ, with your return thereon, showing how you have executed the same.

Given under my hand and the seal of said court at my office in Baird, Texas, this 19th day of May, A. D. 1922.

Grady G. Respass, Clerk County Court Callahan County, Texas.

I hereby certify that the above and foregoing is a true and correct copy of the original citation now in my hands.

G. H. Corn, Sheriff: 24-3t Callahan County, Texas.

## BRIDGE OVER BRAZOS AT MARLIN COLLAPSES

NUMBER OF PERSONS MISSING INCLUDING PROMINENT MEN OF MARLIN.

Marlin, Texas.—Two bodies recovered, the Mayor of Marlin and another of the most prominent citizens given up for lost, and a general belief that the death list may reach twelve or fifteen, is the toll of the collapse of the Marlin-Belton bridge over the Brazos River, five miles west of Marlin, at 2:30 o'clock Tuesday afternoon.

The big double-span bridge over the Brazos gave way as workmen were repairing the approach that had been damaged by flood, and more than thirty persons on the structure were precipitated into the swollen stream thirty feet below. A large automobile truck and another automobile went down with the bridge. J. B. Briggs was in the auto, owned by his father, and went into the river with the car.

It is not known how many persons were on the bridge, and for this reason it is impossible to establish definitely the number of missing.

Mayor Frank Stallworth and Dr. W. H. Allen, owner of Allen's Hospital in Marlin, were known to have been among those thrown into the water. Neither had been rescued at midnight, and searchers at that time had given up all hope of finding either alive. Several eye witnesses say they observed Mayor Stallworth several hundred yards down the stream, his face bloody and apparently exhausted.

Many thrilling escapes are recounted by those who were rescued and by those who were able to swim or cling to floating wreckage. Many were injured by falling timbers when the bridge went down. Examination of the body of Mrs. Moseley revealed that her neck was broken, and it is believed she was killed outright before she struck the water.

Among those thrown into the water and rescued was the Rev. H. D. Knickerbocker, pastor of the Methodist Church in Marlin. Rescuers say they several times saw Dr. Knickerbocker relinquish a piece of wreckage to which he was clinging to someone not so good a swimmer as he. The minister was rescued about a mile down the stream by a boy who went to his rescue after he had again relinquished his plank to another and was seen struggling in the water.

It is believed that the river channel now holds the bodies of at least ten persons who were on the bridge when it fell. This includes several negroes.

## HIGHER PRICED GASOLINE IS NOW PREDICTED

Rise of Three Cents a Gallon Within Week Expected by Marketers.

Dallas, Texas.—Substantial increases in the price of gasoline in Texas within the next week were predicted Tuesday by Dallas oil men as a result of the rising wholesale market, which is being stimulated by an unprecedented export demand and the comparatively few refiners operating. A representative of a company buying the greater part of the North Texas output Tuesday was paying 19c a gallon at the refineries for every carload of gasoline, offered, consigning it to Gulf ports for export.

Sixty per cent of the North Texas refineries are reported shut down. While the greater part of the export demand is said to be for the same grade as that required by the State law, known as New Navy specification, hundreds of carloads of high-grade product of 64-65 gravity, termed aviation grade, are being shipped to France, Holland and England. The attractive price offered for the higher grade is said to have made its manufacture more profitable to the refineries than the making of the standard grade. The average refinery turns out only about half as much of the high grade gasoline as of the State specification, resulting in cutting down the output available for the motorists.

Officials of some of the largest oil companies in the country with head offices in Dallas declare that there has never been a time in the history of the petroleum when they would welcome a congressional investigation more than at present.

**Mine Worker Killed**  
Jewett, Leon Co., Texas—Hobert Rollwing, a mine worker for the Houston Coal Company, seven miles west of Jewett, was killed when a string of coal cars ran together in the mine. He is survived by his wife and one child, also his mother and father, who live here.

# The Baird Star.

FRIDAY, MAY 26, 1922

Issued Every Friday  
Serial (whole) Number 1772

BAIRD, TEXAS

Entered as Second Class Matter, Dec., 8, 1887 in  
the Post Office at Baird, Texas, under Act of 1879

W. E. GILLILAND,  
Editor and Proprietor.

## SUBSCRIPTION RATES

### IN CALLAHAN COUNTY

One Year.....\$1.50  
Six Months......80  
Three Months......50

### OUTSIDE OF CALLAHAN COUNTY:

One Year.....\$2.00  
Six Months.....1.25  
Three Months......75  
(Payable in Advance)

You do not hear of any cut in wages or force in Henry Ford's factories. Why is it that Ford can go ahead and not only hold up but increase his business while other lines of business, factories, railroads, etc., are cutting wages and reducing their forces? This man Ford seems to be different from all the balance of our big business men.

Russia is the most notable example in all history of the Socialistic fallacy of government. Russia, under the Czars, had its faults and defects, but there was at least some protection to life and property. Under the rule of the Soviets—that means Lenine and Trotsky—neither life nor property has any protection whatever.

Poor old Ireland! God's curse seems to rest upon the unhappy people. England got out and left the Irish to run things themselves, but in place of trying to build up the country they are fighting among themselves—Catholics and Protestants. What will become of that country?

People who saved some money while times were booming, during and just after the war, are in a position to get into other business, if they have lost their jobs on the railroad or in other lines of industry. Those who did not save, of course, are hard hit, but nothing but the school of hard knocks can impress some people.

The Genoa Conference blew up without accomplishing anything. The main creditor nation, the United States, the nation that all Europe looks to to help them out of the mess they have gotten themselves into, was not represented at Genoa and will not be at the adjourned conference at The Hague. This country will not recognize the Russian dictatorship of Lenine and Trotsky as a government. They have repudiated the national debts of Russia; they have destroyed the rights of private property; they have no representative government. Millions of Russians starving and the American people are spending millions of dollars every week to feed the hungry, but very properly our government will not recognize a band of robbers as a government.

### EVOLUTIONISTS GET A JOLT

Those Methodists who have been disturbed by the teachings of Dr. Rice, which recently caused much furor in Texas for a few months, by his criticisms of the Old Testament, need not worry.

The General Conference of the M. E. Church, South, that recently

convened at Hot Springs, Arkansas (adjourned last Monday) reaffirmed the doctrine of the Divine Inspiration of the Bible, that has been the guiding star of our church all down the years, since John Wesley.

The evolutionists can not get any comfort out of the General Conference proceedings. We are old-fashioned enough to believe that no one who does not unquestionably believe in the Divine authorship of both the Old and New Testaments, should be allowed to teach in our church schools and, certainly, they should never be permitted to preach. This is no time to dally with unbelief in church or school.

We see a great deal in the State press now about storing up storm waters, to serve the double purpose of irrigating along the Texas creeks and rivers and to prevent floods. For over thirty-four years The Star has advocated such a project in Callahan County, but with indifferent results. Some extra dozens of local tanks is perhaps the only result. In normal seasons it seems impossible to interest people most directly concerned in such matters, and when floods, week after week, are pouring down Texas streams, carrying death and destruction, it is too late.

The storage of flood waters, for irrigation and other useful purposes, to be of any real value will be a stupendous undertaking, requiring united action of all the people, but it can be done and some day will be done, in self defense, if nothing more; but, when will this be done? That is the question before the house.

The standpat element has received two hard jolts the past two weeks. In Indiana, a former Senator, Beveridge, defeated Senator Harry S. New in the primaries. In Pennsylvania Gifford Pinchot defeated the standpat nominee for Governor.

The standpat Republican machine was smashed in both States. Both Pinchot and Beveridge were prominent supporters of Theodore Roosevelt in his revolt against the reactionary element of the Republican party in 1912, that caused the election of Woodrow Wilson. Democrats, who see in these two State primaries a revolt against the Harding administration, have little ground for such belief.

Neither is it any sign of Republican voters changing favorably to the Wilsonian idea of a League of Nations. The reactionary element of the Republican party is losing out, that is all. The success of the progressive wing of the Republican party is good for the country, because the Republican party has always been charged with being under the control of "Big Business," and consequently has become unpopular with the great mass of voters not controlled by Big Business of the East.

In place of helping the Democrats by nominating such men as Beveridge and Pinchot—men who wear no interest collar—it is liable to help the Republicans. Should these men be defeated at the general election in November, then it would help the Democrats; but, they will both be elected, is our guess, because, while the standpatters fear such men as Beveridge and Pinchot, they fear the Democrats far more. We see little for the Democrats to rejoice over in the result of the Indiana and Pennsylvania primaries. Both States are Republican, and it will be almost a miracle if the Democrats should win in Indiana and certainly indicate a political revolution if a Democrat should defeat Pinchot in Pennsylvania. The primaries in these two States does not indicate that the League of Nations is coming to life again. It is dead,

so far as one can see, for all time, at least for our day and time.

### AN UPBUILDING ORGANIZATION

The convention which opened at Plainview Monday, observes The Abilene Reporter, is unique in the history of chambers of commerce, both in the size of the crowd and the far-reaching effects of the organization's activities.

The West Texas Chamber of Commerce is not properly named. It is more than a chamber of commerce. Its multifarious activities are not revealed in the title. It covers more ground than its name implies.

During the few years it has been in operation it has accomplished many things. Not the least of its accomplishments is the destruction of the old idea that West Texas was a place of Jackrabbits and prairie dogs, the most fallacious idea that ever got hold of the minds of the American people.

West Texas stands today revealed as one of the garden spots of the earth, with prosperous cities and towns, progressive and forward-looking farmers and stockmen, and natural resources almost untouched as yet.

The West Texas Chamber of Commerce is responsible for putting West Texas before the people of the State and of the Nation in its true light, and, if it had done nothing more than this, its existence would be justified on this ground alone.

But it has accomplished much more than the mere dissemination of useful and correct knowledge of this region. It has done things for West Texas in a material way, and its usefulness is just beginning to be realized.

A wonderful region is West Texas, and a wonderful organization is the West Texas Chamber of Commerce. Baird is well represented in this splendid organization. It has a membership of ten in the West Texas Chamber of Commerce, all aggressive and forward looking men and all members of that snappy commercial organization, The Baird Progressive Club.

### SHALLOWEST WELL IN CALLAHAN

The new shallow well brought in in the Deep Creek Field last week by Moore & Snelboid, of Fort Worth, has the distinction of being the shallowest producer in the county of any importance and is also the largest. In addition, it is an extension to the proven area, being a half mile south of other production.

The well is now making about 60 barrels daily, flowing by heads from a depth of 342 feet. It will be put on the pump sometime this week and there are predictions that it will probably produce as much as 75 to 100 barrels daily.

The well is approximately 140 feet shallower than the other producing wells in the Deep Creek Field. At 240 feet the well got a big gas sand that made a gas flow estimated at 5,000,000 cubic feet daily.

### IT WILL BE HOTTER LATER ON

There will be services next Sunday morning and evening at the Presbyterian Church. The theme for Sunday night will be: "The Central Theme of Preaching." This is Christ and Him crucified. This doctrine is vital and fundamental in our Christian system.

We had an interesting joint meeting of the Junior and Senior Christian Endeavor Societies Sunday evening. We hope more of our young people will come out next time. We need you and the Endeavor can help you.

We missed a number Sunday night. Let us not succumb to the hot weather. It will be hotter later on. The church is provided with fans for everyone. You can keep comfortable. Come.

Cordially,  
Gerald Fitzgerald, Pastor.

# GROCERIES AND FRESH MEATS

We carry the best the market affords in Groceries, Vegetables, Fruits and Fresh Meats, Feed, Etc.

## WRISTEN & WILLIAMS

Phones 4 and 26

Prompt Delivery

### FILE APPLICATIONS CANDIDATES

Candidates for State or District offices must file their applications on or before June 5th. Candidates for County or Precinct offices must file with the County Chairman of the Democratic Party their applications on or before June 17th. Otherwise, their names cannot be placed upon the official ballot.

W. C. Tisdale, Chairman  
Democratic Executive Committee,  
25.2t Callahan County, Texas.

We call attention to the announcement of J. E. Collins for Tax Assessor in this issue. Mr. Collins is a farmer and has lived in the county, about six miles south of Clyde, for twenty years. Mr. Collins says that he will make an active canvass of the county and you will no doubt have a chance to meet him during the campaign. He will appreciate your support and we feel sure, that should he be the choice of the people, that he will make us a faithful and efficient assessor.

### CARD OF THANKS

It is with grateful hearts that we extend thanks to our many friends for the kindnesses and courtesies extended to us in the death of our little girl, Roberta. We shall ever remember your kindness and words of comfort, and appreciate every flower with which her little grave was covered. We pray God's blessings on you, one and all.

Sincerely,

Mr. and Mrs. Robert L. Estes,  
Mr. and Mrs. W. E. Gilliland  
and family  
Mr. and Mrs. Lee Estes  
and family

### Telephone Subscribers

Use your Telephone to save time, it will serve you many ways—in business socially or emergency. Your Telephone is for yourself, your family or your employees only. Report to the Management any dissatisfaction.

T. P. BEARDEN, Mgr

### MONEY TALKS



All who work should put part of their earnings in our BANK

Those who work, and save part of their earnings, are working to the best effect. They are making their work count.

A part of their energy is thus stored up in the form of money to be enjoyed at a later time or expended with more profitable returns.

The man who can see nothing for his labor becomes discouraged. Saving, even ever so little, is a stimulant to ambition.

## The First National Bank

BAIRD, TEXAS

J. F. Dyer, President  
Henry James, V. P.  
Tom Windham

W. S. Hinds, Cashier  
Bob Norrell, Asst. C.  
W. A. Hinds

MEMBER OF REGIONAL BANK FEDERAL RESERVE SYSTEM

# Mayfield & Hall

**Dry Goods, Notions  
Ready-to-Wear  
Men's and Boy's  
Furnishings**

Exclusive Men's Store

**Better Goods for Less Money,  
with one price to all.**

CREDIT TERMS: 30 DAYS ONLY

## HOME LUMBER CO.

ALL HOME PEOPLE

We carry a full stock of Lumber, Shingles and Builder's Supplies See us before you buy anything in this line

W. M. COFFMAN, Manager



## THE GOVERNMENT

is a big depositor of money in banks all over the country. Follow Uncle Sam's example and open a bank account and make this bank your bank. Responsible business houses and individuals will find it advantageous to bank with us. Our facilities are most complete.

## The Home National Bank

OFFICERS AND DIRECTORS:

E. L. Finley, Pres. H. Ross, V. P.  
T. E. Rowell, Cashier. P. G. Hatchett, Vice-Pres  
F. L. Driskill, A. Cashier E. D. Driskill A. Cashier  
M. Barnhill C. B. Snyder

## PERSONALS

Mrs. Ernest Hill is quite ill with an attack of appendicitis.

Mrs. Annie Redwine visited in Baird, Sunday, returning to her home in Sweetwater, Sunday night.

Miss Irma Powell has returned from a visit with her brother, Gray Powell, and wife, in Carbon.

Miss Lua James, who is keeping books for B. L. Boydston, at Cross Plains, spent Sunday with her mother.

Mr. and Mrs. Fred Cutbirth, of Burnt Branch, spent the week end with Fred's mother.

Mr. and Mrs. D. L. Purdy and little daughter, Thelma, of Bristow, Oklahoma, are visiting Mrs. Purdy's parents, Mr. and Mrs. M. Sigal.

Mrs. Iverson, who has been visiting her parents, Mr. and Mrs. E. B. Mullican, returned to her home in Big Spring, Saturday.

Mrs. J. H. Burnett, of Kopperl, Texas, and Mrs. E. C. Rush, of Globe, Arizona, are the guests of their sister, Mrs. M. J. Holmes.

Mrs. A. Horn returned to her home in Fort Worth, today, after spending several days with friends here.

Mrs. James H. Walker, who was called here the first of last week by the death of her little niece, Roberta Estes, returned to her home at Bal-morhea, Sunday.

Mr. and Mrs. J. R. McFarlane left last week for Mayo Brothers Hospital, Rochester, Minn., where Mrs. McFarlane will take medical treatment.

Mrs. Wade Hardin who was called here Tuesday of last week by the death of her little cousin, Roberta Estes, returned to her home at Cross Plains, today.

There will be an election in Eula School District No. 7, on Saturday, June 17, to determine whether the taxpayers will increase their tax for school purposes from 50c to \$1.

Will Steffen, brother of Mrs. Frank E. Stanley, came in Tuesday for a visit. He came hither from Pioneer which he declares, as a business location is shockingly "eaten up from within."

Joe White, commercial manager of the American Public Service Company, was in Baird this week arranging, with Superintendent Earl Morley, the installation of the Putnam Electric Light System.

Mrs. and Mrs. T. W. Wilson, returned a few days ago from West Virginia, where they spent the past year. They are the guests of Mrs. Wilson's parents, Mr. and Mrs. R. D. White.

Miss Gayle Williams, the very pretty and talented teacher of expression, who has taught a class of thirty pupils here during the school session just closing, left for her home in Abilene Tuesday evening, to enjoy the long and well earned vacation.

An election will be held in Lone Oak School District No. 50 on Saturday, June 10, to determine whether a \$500 bond issue be authorized to add a room to the school building to accommodate an additional teacher, and also to authorize an increase of from 50c to \$1 in the rate of taxation.

We call attention to the announcement of Mrs. Ed Yarbro as a candidate for County Treasurer in the Democratic Primary. Mrs. Yarbro with her late husband, Ed Yarbro, has lived in Callahan county for many years. She is a good woman, straightforward and energetic and should she be the choice of the voters at the primary, which means election, we feel sure that she will discharge the duties of the office faithfully and well. You will have a chance to meet her during the campaign, as she intends to canvass the county.

Little Miss Mildred Terry, youngest daughter of Mr. and Mrs. M. M. Terry, began her vacation Tuesday morning. The scholastic record made by her in Grade Four, made it unnecessary to take a final examination. Mildred is ten years old.

Mrs. H. Windham, of Tecumseh, came in Sunday from Eastland, where she spent the past two months with her daughters, Mesdames Tom Pressler and Ernest McIntire. Her son, Forrest Windham, came in after her Tuesday.

Judge and Mrs. B. L. Russell were called to Cisco last Saturday in response to a message that Mrs. Olbern Russell, their daughter-in-law, was seriously ill with appendicitis. She underwent an operation, and is reported doing nicely.

Mr. and Mrs. Andy Vaughn, Jr. of Albany, came over yesterday to attend the opening of the Baird Light and Ice Company's new office building and receiving station. Andy was in the employ of the company here for several years and was sent to Albany some weeks ago to assist in putting in the plant at that place.

An invitation has been received from Miss Sarah Maude Benham, granddaughter of John and the late Mrs. John Flores, of Baird, who is a student at the University of Southern California: "College of Oratory, University of Southern California, presents, in senior recital, Sarah Maude Benham, 'The Mollusc'."

The Star received a pleasant call yesterday evening from Joe L. Darby, manager of the American Public Service Company at Hamlin, accompanied by Editor Bowen Pope of the Hamlin Herald; J. W. Ezell, President of the First State Bank; and H. O. Cassie, real estate dealer, of that city. The party was here to attend the opening of the Baird Light & Ice Co's new office building and receiving station.

Frank S. Russell, who, as he quaintly puts it, "has been busy digging a living out of the ground," down on his Rowden farm, was in town yesterday. "Come down and see me in about a week," he said at parting, "and let me fill you up with big, ripe, luscious dewberries and cream. If you're fond of fishing I'll take you to a place down on the Bayou, where you can pull 'em out as fast as you can bait your hook and throw it in."

The ten girls of the Graduating Class of the Baird High School, whose names were printed in last week's Star as entrants in the "Not-to cost more than \$5.00 graduating-dress contest," instituted by the Parent's-Teacher's Association, had their handiwork judged by Committeewomen Mrs. Tolliver, Miss Maggie Gilbreath and Mrs. C. E. Strain yesterday afternoon and the awards were made as follows: 1st prize, Lillie Blakley, \$10; 2d prize, Freda West, \$2.50; 3d prize, Maggie Lou Price, \$1.



## The Summer Cloud

It is a bright summer day. You're working hard in your office or in your store, and your wife is working hard at home.

Suddenly the summer day is no longer bright. Great thunder clouds cover all the heavens.

Immediately, thousands of hands in factories, in offices, in homes, reach for a switch or a button and turn on the light. The response is instantaneous.

As far as its obscuring power is concerned the summer thunder cloud is vanquished.

Under the clear electric lights, work goes on as before.

This is made possible by the constant vigilance of employees in the electric light and power stations, who, upon the first indication of a cloud in the sky, or of approaching night, prepare additional generators for instantaneous service, fire up the boilers, or open the water gates and start up the turbines, so that there may be no flickering of lights and no delay in the response of electrical energy when it is needed.

On a cloudy or stormy day more electrical energy is needed, and, therefore, more equipment is required to handle the load than during the bright, sunshiny days.

All this means equipment.

And equipment means capital.

Capital means investment by thrifty American men and women who look for a fair return upon their money.

Already, in addition to banks and insurance companies which have invested and loaned millions of dollars, there are 1,450,000 individual American investors in the electric light and power industry. They expect fair treatment from the public of which they are a part.

## Baird Light & Ice Co.

EARL MORLEY, Mgr.

BAIRD, TEXAS



**Simply delicious!**

**Kellogg's Corn Flakes with strawberries**

Such a feast for a warm morning's breakfast—Kellogg's Corn Flakes and strawberries and a big pitcher of cold milk or cream—why, it's a revelation as an appetizer and so satisfying! Just as wonderful for lunch or for between-times nibbles!

And, best of all—Kellogg's Corn Flakes and fruit are exactly the food you should eat for warm weather! You'll feel so much cheerier, so free from drowsiness and headaches if you'll keep away from the heavy foods this summer!

Let the children eat all they want! For, Kellogg's digest easily and rest the stomach and supply nourishment!



**Kellogg's**  
**CORN FLAKES**

Also makers of KELLOGG'S KRUMBLES and KELLOGG'S BRAN, cooked and toasted.

## HEAVY DAMAGE DONE BY HAIL, RAIN, WIND

HOUSES, BARN, WIRES BLOWN DOWN AND CREEKS OVERFLOW ONCE MORE.

Waco, Texas.—Considerable damage was caused here early Monday by a three-inch rain, which fell so rapidly that storm sewers in the business and residential districts were unable to carry off the volume before it had risen above the sidewalks, entering the basements and first floors of some business houses.

Waco creek came out of its banks and Baylor Park and other parks in South Waco, together with the athletic field, were under water. Waco Creek traverses Cotton Palace Park which was partially inundated. City employees were called out early Tuesday morning to rescue people in South Waco, living in the flooded area.

The greatest damage to crops was had in the southern part of McLennan County, caused by heavy rains, hail and wind of cyclonic proportions. Probably the heaviest damage was wrought in Downsville community eight miles south of Waco.

M. C. Dorsey, who lives on the Stiles place, went to the door of his house to investigate the storm damage, when an unusually strong gust of wind struck the house, virtually demolishing it, carrying a bed in which his wife was lying fully forty yards away from the wrecked structure. Mrs. Dorsey was uninjured, but her husband was cut on the head face and hands.

The Baptist Church and the two-story school building at Downsville were badly damaged, the latter structure being carried fourteen feet from its original location.

So strong was the wind at Downsville that a barn on the W. C. Webb place was literally blown through another barn, both structures being torn to pieces.

It became necessary for a crew of a San Antonio & Aransas Pass freight train to remove telegraph poles and wires from the track before the train could proceed in the Downsville community and huge trees in that neighborhood were torn up by the roots.

En route from San Antonio to Dallas, northbound Katy train No. 8 was derailed a mile and a half south of Waco. There were eighty-one passengers aboard, but only one, Mrs. Sterling C. Robertson of San Antonio, was hurt seriously enough to be taken to a sanitarium. Her back was sprained and one finger of her right hand broken. The derailment was caused by an overflow of Waco Creek, which went out of its banks as a result of the unusually heavy rain here, early Monday, twenty-five feet of track being washed out at the place where the derailment occurred.

Taylor, Texas.—A cyclone struck about six miles north of Taylor Monday morning about 4 o'clock, jumping as it went, and causing damage wherever it touched. Barns and houses were torn to pieces and a small building carried over a mile. Telephone wires and poles are down. Hail accompanied it, causing much damage to crops.

## RANGER CITIZENS TO CLEAN UP THE CITY

CHALLENGE IS ISSUED TO LAWLESS ELEMENT BY VARIOUS CLUBS

**THE LAWS MUST BE OBEYED**  
Will Take Measures to Stop Gambling and Bootlegging in That City

Ranger, Texas.—Acting in the crisis in affairs of the city brought on by reported defiance of the police department here charged to an alleged bootlegging and gambling clique, the Rotary Club, Ku Klux Klan, Lions' Club, members of the City Commission and numerous individual citizens have challenged the existence of a lawless element as such in Ranger by pledging their combined moral and physical strength to the assistance of Chief of Police Luther Davenport, who is reported to have been recently threatened by a lawless clique.

Six persons were called before or called upon by a Rotary committee and told that a continuation of defiance of law by the sale of liquor and gambling would be considered a declaration of war on citizens of the city and handled as such.

The Ku Klux Klan has pledged its entire strength in support of the police department in the clean-up and it calls upon the City Commission to support the chief or step down

and out. Sheriff Sam Nolley has been informed by a Rotary committee that in the future the situation here will be handled by Ranger citizens.

Recent happenings set forth in the Rotary Club report are the death of a young woman in a local rooming house which was unexplained in the coroner's verdict; the death of W. E. Nichols, electrician, Tuesday from an encounter in a Sunday brawl; threats against the police chief made following a recent raid.

Action to wipe out conditions started almost simultaneously from several sources, first at a meeting of three City Commissioners Tuesday and launched by Commissioner C. O. Terrell, and the second at a meeting of the Rotary Club on Wednesday. All plans were kept quiet until shortly before noon today.

## BONUS WILL BE PUT OFF UNTIL JULY 1

Harding Wants the Question to Lie Dormant Until After the British Pay

Washington.—The soldier bonus question, it is probable, will remain more or less dormant, until about July 1.

According to reliable information from Senate leaders, President Harding has suggested that a postponement of consideration of a bonus bill until that time will accomplish two things:

First, it will enable this Government to reach a settlement with Great Britain on the question of funding Britain's loan, with the result that there will be negotiable British paper in the Treasury which will give the Treasury something to work on in financing the bonus.

Second, a delay will permit of the working out of a practicable measure, instead of the unworkable compilation of a hodge-podge of ideas that has come out of both sides of Congress in the effort to provide a bonus promise without funds to carry it out.

### Liquor "Blue Book" Seized.

Chicago, Ill.—A new problem in prohibition law enforcement confronts Charles F. Clyne, United States District Attorney, as a result of a raid on a drug store in which a card index containing 235 "blue book" names of persons said to have purchased liquor was seized. If it is proven the index was for the purpose of identification in purchase of whisky each of the persons whose names and signatures appeared would be subject to Federal grand jury action on a charge of conspiracy. This would mean the drawing up of 235 indictments.

Washington.—A joint resolution authorizing the appropriation of \$2,000,000 for relief of farmers made destitute by floods in the Mississippi, its tributaries and other rivers, was introduced by Representative Rhodes.

## For Torpid Liver

"Black-Draught is, in my opinion, the best liver medicine on the market," states Mrs. R. H. Whiteside, of Keota, Okla. She continues: "I had a pain in my chest after eating—tight, uncomfortable feeling—and this was very disagreeable and brought on headache. I was constipated and knew it was indigestion and inactive liver. I began the use of Black-Draught, night and morning, and it sure is splendid and certainly gives relief."

## Theford's BLACK-DRAUGHT

For over seventy years this purely vegetable preparation has been found beneficial by thousands of persons suffering from effects of a torpid, or slow-acting liver. Indigestion, biliousness, colic, coated tongue, dizziness, constipation, bitter taste, sleeplessness, lack of energy, pain in back, puffiness under the eyes—any or all of these symptoms often indicate that there is something the matter with your liver. You can't be too careful about the medicine you take. Be sure that the name, "Theford's Black-Draught," is on the package. At all druggists.

Accept Only the Genuine.

1.79

## OIL ACREAGE WANTED

A Company already formed with ample capital, would be interested in a drilling contract in the Baird District upon a regular Texas Form 88 lease, or in shallow territory in other Texas counties. Parties having acreage in proven territory can place it with thoroughly reliable people who will develop it. This Company is already organized and expect to be ready to drill within a few weeks. Please do not answer this advertisement unless the acreage you have will bear investigation, nor unless you can furnish abstract titles to property, nor unless you can give first class reference yourself, as we do not care to deal with any except thoroughly reliable people.

Address: WOFFORD HAROLD

P. O. Box 1693

Houston, Texas



## Summer Excursion Rates

**EAST---WEST---NORTH**

THE LOWEST IN YEARS

LONG LIMITS---LIBERAL STOP-OVERS

See Your Local Agent or Write to

GEO. D. HUNTER, General Passenger Agent  
DALLAS, TEXAS

## SPIRELLA CORSETS

MRS. J. R. PRICE, Corsetier.

Baird, Texas

## RYZON BAKING POWDER

Mashed potatoes—lighter and more digestible. Saves time and labor.

RYZON should be put in mashed potatoes before removing from the fire. Less whipping is needed. The results will surprise you.

Order a can today. Have delicious, creamy mashed potatoes at your next meal.

## GROCERIES

Fresh Groceries, Fruits Vegetables  
Bran, Chops, Hay, Etc.

We Appreciate Your Business, be It Large or Small

## BLACK & PRICE

We Want Your Trade

Telephones No. 128 & 247

# A few Cans left!

You can still take advantage of the

## Big 5c Sale

### DR. PRICE'S PHOSPHATE BAKING POWDER

**S**OME grocers still have a small supply of the large 12 oz. cans of Dr. Price's at the special price of two cans for 30 cents.

If you have not taken advantage of this big money-saving opportunity *do so at once*

The cans bear this special sales sticker on the label:

#### SPECIAL ADVERTISING SALE

One 12 oz. can at regular price . . . . .	25 cents
One 12 oz. can at special price . . . . .	05 cents
Two 12 oz. cans for . . . . .	30 cents

*Perfect Satisfaction Guaranteed or Money Refunded*

*Remember this baking powder is new stock* just from the Price Baking Powder Factory, and every ounce is guaranteed to give perfect satisfaction or money refunded.

*See your grocer at once!*

Go to your own grocer first and if he is unable to supply you try some other grocer at once.

*Don't miss this wonderful opportunity* to get your two cans of this famous baking powder while the limited supply lasts. Positively no more cans of Dr. Price's will be shipped into Texas for sale at this special advertising price.

## RADIO

### THINGS BEGINNERS MUST LEARN FIRST

#### Explanation of Terms Used in Radio and of Its Basic Principles.

Due to the great interest taken in radio since broadcasting stations have been started, many radio terms are seen and heard that may be unfamiliar to the novice. Some of the most commonly used terms are explained and defined below.

Like light, heat and sound, radio energy is propagated in the form of a wave motion. Every one is familiar with the wave motion set up on the surface of a still body of water by the dropping of a stone into it.

Every time a point on the surface of the waves goes through a complete set of motions and starts to repeat those motions the wave is said to have

gone through a cycle.

The number of complete cycles going through per second is the frequency.

The human ear is responsive to sound frequencies up to a few thousand cycles per second but is not capable of responding to the higher frequencies encountered in radio. Arbitrarily a frequency of less than 10,000 cycles has been called an audible frequency—one which can be heard—and frequencies above 10,000 cycles, radio or inaudible frequencies—because they cannot be heard by the human ear.

The particular type of wave which propagates radio energy is an electro-magnetic wave. All of us have seen bits of iron and steel attracted by the little toy magnets made up in the form of horseshoes. This attraction of the magnet for the bits of iron and steel showed the existence of a magnetic field about the tips of the magnet and this same kind of a field propagates the electro-magnetic force, except that unlike the toy magnet, its power comes off in the form of wavy motions. This electro-magnetic force propagates radio energy in all directions.

The medium that transmits the electro-magnetic waves is the same medium that transmits light—the ether. This medium is supposed to fill all space, even that occupied by fluids and solids. Little is known about its prop-

erties. In radio it is more common to speak of wave length than frequency. The wave length of any wave motion is the distance between any two successive crests in the same direction. The wave length depends upon the frequency. If the frequency is high the wave length is short. On the other hand if the frequency is low the wave length is long. Numerically the wave length is equal to the distance traveled by the wave in one second divided by the frequency. Suppose, for example, that it were desired to know the wave length of an electro-magnetic wave having a frequency of 835,000 cycles. Electro-magnetic waves travel at the same speed as do light waves, that is, 186,000 miles per second. Dividing the 186,000 by 835,000 the wave length would be .223 miles or 366 yards. In radio work it is measured in meters. A meter is equal to approximately 1.1 yards. Converting 366 yards into meters the wave length would be 366 divided by 1.1 or 330 meters. This is the wave length on which KDKA operates. It also means that the electro-magnetic waves sent out from this station have a frequency of 835,000 cycles.

#### FUNDAMENTAL PRINCIPLES

In a radiophone transmitter there are two requirements that must be fulfilled. First, there must be a source

of high-frequency current, say, between 15,000 and 1,500,000 cycles so connected to an antenna and ground system that energy in the form of electro-magnetic waves will be radiated. Second, there must be some method of controlling this high-frequency current or modulating it so that the variations in the amplitude of the high-frequency current will be directly proportional to the voice or music to be transmitted.

The high-frequency current is known as the carrier-wave and its function is to radiate into space in the form of electro-magnetic waves and by its variation in amplitude carry with it the variation in the tone at the transmitting station.

It is the frequency of the carrier-wave that determines the wave-length on which a radiophone station is transmitted. By experiment it has been found that electro-magnetic waves travel at the same velocity that light waves travel, that is, 186,000 miles per second. Wave-length is the distance between any two similar points on two successive waves; for example, the distance from crest to crest of any two successive waves in the same direction, measured in meters, a unit of length equal approximately to one and one-tenth yards. Converting 186,000 miles to meters the constant is 300,000,000

meters. The length of an electro-magnetic wave is equal then to 300,000,000 divided by the frequency. Suppose a station was transmitting on a wave-length of 360 meters. The frequency of the carrier-wave would be approximately 835,000 cycles.

Just as a violinist tunes his instrument, that is, makes a certain string emit a note of higher or lower pitch, or, technically speaking, a sound wave of higher or lower frequency, by adjusting the tension on the string, so may the electrical constants of the antenna circuit of a radiophone transmitter be changed in order to have the station emit a carrier-wave of a different frequency.

If a tuning fork having a natural period corresponding to middle C be placed near a violinist who is playing, the fork will vibrate when the musician plays middle C, but at other times it will remain quiescent. This phenomenon of the tuning fork vibrating whenever the musician plays the corresponding note on the violin is known as mechanical resonance. If a radio receiver be adjusted so that electrically its natural period of vibration will be 835,000 cycles (360 meters wave-length) every time a station transmits on a wave-length of 360 meters, current will be set up in the receiver by electrical resonance. Stations transmitting on any wave-length other than 360 meters will not cause a current to be set up in the receiver.

The portion of a radio receiver that changes the wave-length at which it is electrically resonant is called a tuner. Suppose that "A" station transmits on a wave-length of 200 meters and "B" on a wave-length of 360 meters. By adjusting the tuner until the constants of the receiver make it electrically resonant to a 200-meter wave or a 360-meter wave, either of the two stations can be picked up, but both stations cannot be picked up simultaneously. This is the reason that more than one transmitter can be operating at one time and yet only one can be heard on a receiver without interference from the others.

The other necessary part of a radio receiver is the detector. The function of this portion of the receiver is to utilize the small currents in the tuner that are set up by a transmitting station and make them audible through the medium of a telephone receiver. If the telephone receiver were connected directly to the tuner the high-frequency current would not operate the diaphragm of the receiver and even if the diaphragm were set in motion it would be too fast a motion to be picked up by the human ear.

In a simple receiver the detector usually consists of two pieces of mineral in contact or a piece of mineral in contact with a metal spring. Either combination is known as a crystal detector. A detector of this type is nothing more than a rectifier; that is, when an alternating current is applied at the terminals the current is allowed to flow only in one direction.

#### How One Editor Uses Radio.

The editor of a paper in an isolated town in the northwest is using the radio in a most ingenious and effective way. An amateur radio friend in a big city 50 miles away buys the latest editions of the city papers as soon as they are off the press, reads the best news into his transmitter, and a typist in the country office copies the news as it comes in over the office receiver. The editor, through this ingenious plan, is always "First With the Latest" in his home town.

### WILLIAMS IS ASKED TO REPORT AT WASHINGTON

His Early Arrival to Take Oath of Office Sought By the Democratic Body.

Washington.—Definite information of the election of Guinn Williams of Decatur, Wise County, as a member of Congress from the Thirteenth Texas District, succeeding the late Lucian W. Parrish, was received here Monday. Representative Garner, dean of the Texas delegation, telegraphed Mr. Williams that if his election was without contest, the Democratic organization would appreciate his early arrival in Washington to take the oath of office, which may be done without awaiting the issuance of a certificate of election.

The new Congressman was formerly a member of the State Senate and is a leading banker of his district.

#### Lodge Men Hurt in Fall.

Oklahoma City, Ok.—Three members of the Knights Templar attending the State convention here were injured Tuesday when a platform upon which a number were standing for a picture gave way. About 250 men were standing on the platform when it gave way, without warning. More than a thousand members of the order from all parts of the state were here attending the annual convention.

