

# Official Notices

## Classified

FIVE ROOM house, furnished, servant room, one acre of ground, horse stable and corral. One mile from campus, third house west of Assembly of God church on old College road. Phone 2-5483.

LOSE! ONE ROUND-FACED Hamilton wrist watch. If found please notify owner at Dorm. 1, Room 319. Liberal reward.

## Meetings

A. S. A. E.—There will be a meeting of the American Society of Agricultural Engineers tonight at 7:15 in the Agricultural Engineering Lecture Room. It is very important that all Ag. Engineers be present as this is the last regular meeting before the Barnyard Frolic Saturday, September 5. Final arrangements and plans will be made.

Called meeting Brazos Union Lodge 139 tonight at 7:30. There will be work in the E. A. Degree. All members and visiting brethren are cordially invited to be present. R. M. SEARCY, W. M. J. W. HALL, Secretary

## Bicycle Repairs

The STUDENT CO-OP

**A Genuine Calfskin BILLFOLD**



This is just one of the many fine MEEKER-MADE Billfolds we have to show you. There's plenty of leathers to choose from — calfskin . . . goatskin . . . Morocco . . . ostrich . . . alligator . . . pigskin and seal. Finest quality and craftsmanship at moderate prices.

**\$1.00 to \$8.00**

**Waldrop & Co**  
"Two Convenient Stores"  
College Station Bryan

**GARDEN CLUB**—The officers of the Garden Club will be hostesses to all old and new members, and to those who plan to become members, Friday, September 4, at 3:00 p. m. at the home of Mrs. C. E. Campbell in Oakwood.

**ARCHITECTURE SOCIETY MEETING**—There will be an important meeting of the Architecture Society in the Architecture Library tonight at 7:30 o'clock. All members of the Architecture Department are urged to be present.

A. S. C. E.—The A. S. C. E. will meet tonight at 7:00 in the C. E. lecture room. Dr. A. A. Jakkula will discuss the causes for the failure of the Tacoma, Washington, bridge.

**ABLENE CLUB**—The Abilene A. & M. Club will meet tonight in room 119 Academic building after yell practice.

## Executive Offices

**ATTENTION AGRICULTURAL SENIORS**—All agricultural seniors graduating at the close of the present semester, please call at my office and fill out personnel blanks for our permanent records.—E. J. Kyle, Dean of Agriculture.

## Announcements

**WILL THE DEPARTMENT** borrowing a small green typewriter table from the office of The Battalion Tuesday please return same to Room 5, basement of the Administration building.

**NOTICE**  
To the owners of following cars described:  
1933 Black Chevrolet Sedan; State License No. 161-556, College Tag No. 463; car has three flat tires, one wheel and tire gone, parked in old laundry parking lot.  
1935 Chevrolet Roadster Red Color; State License 737-555, 1943 Lic. College tag No. 184; No tires on car. Dor No. 11 parking lot.  
1930 Studebaker Sedan Color White; State License No. 770-256, 1941 license; one tire and wheel gone. Dor No. 11 parking lot.  
These cars must be moved off of campus by owners. If they are not moved one week from this publication, they will be junked, and taken off of campus.  
By orders of Commandant's Office.

**NOTICE**  
The Avige who left his trench coat in the green Dodge of Miss Ruby Mauburn when he rode to Ennis can obtain it in room 219 of the Extension building. Initials in the coat are J. H. G.



**For TIRE REPAIR and BATTERY SERVICE**  
Come By **AGGIE SERVICE STATION**  
North Gate

# New Sources of Power Found For Conserving War Power

Consumption of unprecedented quantities of power in war production is placing new emphasis on methods of conserving energy. Long before the United States entered the war, General Electric engineers developed two systems for utilizing potential power which would otherwise be wasted, and these systems are now pouring millions of kilowatt-hours back into war production.

One such system is a method of recovering power, from the testing of airplane engines, and is in wide use in their manufacture. The first power-recovery testing system was developed by General Electric in collaboration with Pratt & Whitney Aircraft and several million kilowatt-hours of power a month already are being recovered by this method.

Natural and processed gas is another important source of waste energy now being harnessed by General Electric engineers to provide additional motive power in industry. The gases drive specially designed turbines, some of which provide an output of several thousand horsepower. Authorities estimate that if the national production of natural gas alone were to be harnessed in this manner, an annual power output of approximately one and three quarters billion kilowatt-hours would result.

Recently, however, a more flexible power recovery system eliminating the coupling device has been developed. This system incorporates the characteristics of the coupling and the constant-speed generator in one variable-speed unit. As a result of the increased flexibility of this new test unit, airplane engines of large size and horsepower and spread over a much wider range of speeds may be tested. Numerous installations of this type have been sold and others are being planned.

**Power Recovery from Gas**  
Gas power recovery systems have installed by General Electric with increasing frequency in recent years. Several months ago company engineers designed and installed a 3500-horsepower turbine for a California concern producing 100-octane aviation gasoline. Here is how the method may operate in a petroleum refinery of this type:

During one of the steps of aviation gasoline manufacture, petroleum vapor passes through catalytic reactors, which change the chemical composition of the vapor. Incidental to this reaction, a deposit of carbon is left on the catalyst. The carbon must be removed periodically, and this is accomplished by shutting off the flow of petroleum vapor and forcing air through the reactor by a blower. During this stage the carbon is burned off and the heated air, as a result, then contains carbon dioxide. As this gas leaves the reactor, it enters and drives a gas turbine. The turbine, in turn, supplies motive power for the blower. The result is conversion into valuable power of what otherwise would be piped off as waste gas. Oil refineries, however, are just one potential source of motive power derived from processed gas.

Various types of plants using natural gas also now have gas turbine installations. For example, manufacturers of carbon black obtain their product by extracting it from natural gas. The process requires gas at a comparatively low pressure. A gas turbine may be used as a reducing valve to adapt the normally high pressure from the well to the process and at the same time obtain valuable energy.

In 1939 General Electric installed its first gas turbines, of 98 and 265 horsepower, respectively, and since then increasingly large turbines have been supplied.

While gas turbines and engine testing generators already installed for power recovery are conserving sizeable amounts of energy needed by war industry, full application of such systems cannot be expected to be realized until after the war. Turbines and generators to provide power for the new war industries and the Army and Navy now get first call, in line with War Production Board policy of getting as much production as possible under way. During the post-war period, however, when facilities for refinements in efficiency will be more plentiful, considerable development of power conservation technique is anticipated.

the engine is stepped down to the relatively slow generator speed by a coupling device, with the result that a high percentage of the power is converted into electrical energy and pumped into the power system.

So successful did the system prove to be that six of the testing units have been installed at Pratt & Whitney, all of them by G. E. Lines run from an airplane engine under test to dials and indicators within a booth, where an operator writes down various readings on the engine's oil and gasoline consumption, air intakes, atmospheric conditions, exhaust, and other records of performance. Dials and indicators are now being simplified so unskilled women workers will be able to serve as operators, freeing skilled men for more complex testing.

The booth inside which the operator checks on the engines under test is sound-proofed, for the noise of an engine in a small room ordinarily would break the eardrums of a person nearby. After a few hours of test the engine is stopped, taken completely apart, each of the parts examined, then reassembled for final test before installation in a plane.

**SOPHOMORES HAVE YOU INVESTIGATED LOUPOT'S UNIFORMS BY LILLEY AMES**

**COME IN AND LET US FIX YOU UP FOR THE SOPHOMORE BALL AND CORPS DANCE**

**YMCA & Varsity Barber Shops**

as many coaches to work with the squad as in ordinary years. Only Norton and James remain from last years varsity coaches, and Manning Smith has been promoted from freshman coach to backfield coach to fill the gap left by Karow's departure. In addition to his backfield duties, Manning will do all the scouting for the Aggies this year.

So it is that this season might easily turn into a nightmare for Coach Norton, and the usual jovial smile is missing from the genial Aggie mentor's countenance these days. For the problems facing the Aggies are manifold and tough. But they haven't given up yet, far from it; they aren't nicknamed the "Fightin' Texas Aggies" for nothing.

**MEANDERINGS**  
(Continued From Page 2)  
The world—on Lea Rea. His price was a cool \$3,000 for two nights. Them were the good 'ole days.

Watch for a new ballad that is sure to be a hit in a few weeks. . . "Light a Candle in the Chapel". It can't miss.

Bobby Stephens is sticking by his promise in "having the greatest parade of big name bands this school has even seen. Nothing is too good for the Aggies."

See you Satidy night at the Barn—those blue jeans and that chaw o' tobacco.

By the way, guess who's going to play on the Bandwagon the 13th M-m-m-m could be.

**KYLE FIELD**  
(Continued From Page 3)  
breast stroke crown by finishing over 30 yards ahead of everyone and was coasting with ease at the finish. . . Besides San Angelo the Aggie poloists will also stop off at Lamease and Big Springs on their holiday tour, September 19-26 according to Lt. W. A. North, coach of the malletmen. . .

**DISTRACTIONS**  
(Continued From Page 2)  
are played by Michael Redgrave, Valerie Hobson and Griffith Jones. Climax of the story is the "Britannia" crossing the Atlantic—the first steamship of the now famous Cunard line to accomplish this feat.

The Lowdown—A history lesson with a background of real action.

**TITLE SERIES**  
(Continued From Page 3)  
Following today's game, a tilt will be played Friday and if necessary the deciding fray will be scheduled for Monday evening.

# Costs of Living To Be Hiked; Farmers Not To Be Blamed

Living costs definitely have gone up, but don't blame the farmer for the prices you are forced to pay.

This advice comes from C. E. Bowles, extension specialist in organization and cooperative marketing of the Texas A. & M. College.

Before Pearl Harbor a year's supply of foods for the average working man's family cost \$462, Bowles says in quoting figures from a check made by the Bureau of Agricultural Economics of the U. S. Department of Agriculture.

Three months later staple foods—beans, pork, bread, milk, potatoes—had risen to \$484, an advance of \$22.

Of this \$22 increase farmers got \$6 in higher return for their produce. Every time the farmer received an additional dollar, an extra \$2.66 went into the pockets of those who buy, process, transport and sell these foods to the ultimate consumer, Bowles declared.

There were 58 items of food included in this study. The consumer's dollar as split is 51 cents to the farmer and 49 cents to those who handle it before it gets on the dinner table, and for the first time in 21 years the farmer received as much as half of the food dollar.

**WHAT'S SHOWING**  
**AT GUION HALL**  
Thursday, Friday—"Sons of the Sea", with Michael Redgrave, Valerie Hobson and Griffith Jones.  
**AT THE CAMPUS**  
Thursday only—"The Girl from Alaska", with Ray Middleton and Jean Parker.  
Friday, Saturday—"The Mayor of 44th Street", with George Murphy and Anne Shirley.

## NOTICE!

**Captains and Second-in-Commands:**

We have three 21-jewel Hamilton Pocket Watches and a number of nice 19-jewel Hamilton Wrist-Watches. If you have not found a watch for your Captain call us today.

**CALDWELL'S Jewelry Store**  
Bryan

**SOPHOMORES — LET US FIX HER CORSAGE ARTISTICALLY ARRANGED BY EXPERIENCED DESIGNERS**

We Can Make Only One Delivery at 6 P. M. Due to Government Restriction — Our Prices Are Right

**J. COULTER SMITH**  
Bryan Phone 2-6725

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With it so dark that the Lipscomb's outfielders couldn't see the ball, Loupot's scored four runs on errors by the Lipscomb's fielders in the first of the sixth inning. Umpire Willie Zapalac then called the game because of darkness, and reverted the score of the game back to the end of the preceding inning with the final score—Lipscomb's 7, Loupot 2.

Lipscomb 0 1 2 0 4 — 7  
Loupot 0 0 1 1 0 — 2

Batteries — Shaw, Newberry, Hejl, and Taylor; A. Cokinos and Hoecker.

**HIGHEST CASH PRICES PAID FOR USED BOOKS**

In the Following Courses:

Accounting and Statistics:	201	310	407
	302	310	426
Agricultural Economics:	101	310	314
	103	310	426
Agricultural Engineering:	201	322	
	208	424	
Agronomy:	105	318	
	301	418	
Animal Husbandry:	107	406	415
	202	407	416
	313	412	418
Biology:	101	106	111
	102	107	286
Chemistry:	212	301	342
	214	301	324
Civil Engineering:	202	311	345
	206	315	347
	305		
Dairy Husbandry:	202	408	418
	306	415	420
Economics:	316	403	
	311	412	
Electrical Engineering:	208	308	
	305	310	
Engineering Drawing:	111	112	
English:	103	210	317
	104	307	401
	207		
Fish and Game:	201	304	
Genetics:	301		
Geology:	204	210	320
	205	302	404
History:	105	214	307
	106	306	
Horticulture:	201	318	
	202	319	
Mathematics:	101	109	
	102	110	204
	103	202	
	104	203	
Mechanical Engineering:	212	320	416
	220	338	404
	307	404	
M. S. E.:	402	408	
	406	412	
Petroleum Engineering:	204	402	414
	306	404	410
	308	408	
Physics:	202		
Poultry Husbandry:	201	310	
	303	410	
	308		
Psychology:	207		
Rural Sociology:	204	315	415

## Sophomores—

**We Serve ALL KINDS OF FOUNTAIN DRINKS AND SANDWICHES**

Made The Way You Like Them Also

**CIGARS AND CANDY**

**GEORGE'S**  
Across From New Y

**Sophomores— FOR FINE FOOD BRING YOUR DATE to the**

**A. & M. GRILL**  
Operated by Jim and Al Kelly North Gate

**Sophomores . . . It's Not Too Late to Get a TAILOR MADE UNIFORM**

Have It Made Here in College Station Where You Can Watch It Being Made

Choice of Yarn or Piece Dye Material  
**100% Wool**

**Uniform Tailor Shop**  
MENDL & HORNAK  
North Gate

# LISTEN TO WTAW

1150 KC  
Thursday, Sept. 3  
11:25 a.m.—Music.  
11:30 a.m.—Neighborhood Call (Office of War Information).  
11:45 a.m.—Brazos Valley Farm and Home Program —Farm Security Administration.  
11:55 a.m.—The Town Crier.  
12:00 noon—Sign-Off.  
Friday, September 4  
11:25 a.m.—Music.  
11:30 a.m.—Music.  
11:30 a.m.—You Can't Do Business With Hitler (Office for Emergency Management).  
11:45 a.m.—Brazos Valley Farm and Home Program Triple-A.  
12:00 noon—Sign-Off.  
4:30-5:30 p.m.—THE AGGIE CLAMBAKE.

## INTRAMURALS

(Continued From Page 3)  
Volleyball  
H CAC 2, 4th Stoop QMC 0  
L Inf. 2, HQ Cav. 0  
3rd HQ FA 2, E FA 1  
CLASS B Softball  
2nd HQ FA 9, B Eng. 7  
2nd HQ FA 11, E Eng. 5  
I Inf. 14, E FA 3  
D FA 17, A SC 10  
Tennis  
1st HQ FA 3, D Cav. 0  
C CAC 2, H Inf. 1  
A CWS 2, Amer. Leg. 1  
F CAC 2, E FA 1  
E Eng. 2, HQ Cav. 1

## SEE LOUPOT FOR A UNIFORM THAT WILL PLEASE YOU

**HIGHEST CASH PRICES PAID FOR USED BOOKS**

In the Following Courses:

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	303	410	
	308		
Psychology:	207		
Rural Sociology:	204	315	415

Men, check this list carefully and sell early to receive the highest possible prices. ACT NOW while there is a market for used books for both of us!

**LOUPOT'S Trading Post**  
J. E. Loupot—32