

# 'Howdy' TCU - Welcome To Texas Tech

## FOREADOR THE TEXAS TECHNOLOGICAL COLLEGE

Vol. 32

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No. 23



**WELCOMING THE FROGS**—Residents of the Men's dormitories at Tech have opened their part of the "Welcome TCU" campaign by issuing "Howdy TCU" cards to all residents. The cards were prepared by the Inter-Dorm Council as a greeting to TCU students who will be on their

official out-of-town trip when they get to Lubbock Saturday. From left are Sonny Henry, president of Sneed Hall, Dean Alexander, Sneed Social Director, Bill Waddle and Gene Kennedy, Sneed residents.

## Union To Sponsor Tech Varsity Show

Announcement that the Tech Union would sponsor the 1957 Varsity Show was made official yesterday by Union officials.

The Student Council recently requested the Union Program Council to sponsor this year's show. The Union accepted the request, with the reservation that it could refuse if it failed to show a profit on its Homecoming Dance.

Union officials announced yesterday that a profit had been made on the dance and it would be used to sponsor the show.

## Vets To Sponsor TCU Pep Rally

A giant Welcome-Thanks TCU pep rally will be held tonight at 7 behind the Ad Building. TCU selected the Tech game its official Out-of-Town trip this year and to show our appreciation the Tech Vet Club has chosen the theme for the pep rally as a thank-you to TCU.

The club has also made Friday official Levi Day on the Tech campus, and all students are urged to wear levis to pep rally tonight.

Movin Deardoff will be master of ceremonies and O. R. "Chick" McEly of Dallas the main speaker. A modern jazz dance routine will be performed by Marianna and Marlena Wilson. TCU's football star, Ken Lee, will also be at the pep rally.

Music will be furnished by Graham Turnbull and Jerry Dryer and Texas Tech Cheerleaders, Donnell Phillips, Shirley DuPriest, Stan Powers, Bill Dean, and Clay Cummins will lead student yells. The Red Raider Band will furnish music for the rally.

Appointment of a Board of Advisors for the Varsity Show was the first step taken by the Union Program Council in sponsoring the annual extravaganza this spring.

Named to the board are Program Council Member Carolyn Tapp, Student Council Business Manager David Thompson, Union Director Nelson Longley and a member of the faculty yet to be named. Appointed to head the committee is Bob Huff.

Beginning next week the Board of Advisors will accept applications for a producer of the show. The producer in turn will pick a director, business manager, publicity director, stage manager and a house manager with the approval of the Board of Advisors.

Students interested in being producer should submit their application to the Board of Advisors. The board will interview each applicant and select the producer.

The Student Council, sponsor of the Varsity Show in previous years, could not sponsor the extravaganza this year because of lack of finances. For the past several years the Varsity Show has showed a loss. Last year it operated at a loss of \$1,101.78.

(See VARSITY SHOW, Page 5)

## Tech Plans Mass Greeting For TCU

Welcoming conference cousins from Texas Christian College will be number one objective Saturday at 7 a.m. as Frog supporters hop off the train at Lubbock's Union Station.

Tech Vets, sponsors of the welcoming program, have asked that a mass turn-out of students be present as the TCU crowd arrives on its official out-of-town foot-

ball trip.

Transportation to the campus from the station will be part of the program and students with cars are especially needed, according to the Vets.

The Hospitality Committee of the Tech Union will treat the visitors to a coffee from 9 to 10:30 a.m., preceding the pep-rally and college sing between both schools.

Calculated to bring out the game spirit in both Raider and Frog supporters, the rally-sing program is scheduled for the snack-bar area of the Tech Union.

The sing will be sponsored by the Tech Union Music Committee and will be directed by Tech's cheerleaders.

For Tech students, the celebration began today, with "Levi Friday." Both students and faculty members were requested to help promote a unity of spirit for the TCU-Tech tilt.

Levi Friday will be climaxed by the pep-rally on the Ad Building green.

## Cotton Maid Entries Climb To 40

South Plains Maid of Cotton entrants reached a total of 40, 33 of which represent Tech, as area cot-

ton industry leaders widened their search for a Southern beauty to represent this area as one of the 20 finalists in the National Maid of Cotton contest in Memphis on Dec. 27 and 28.

The contest in Lubbock will be Nov. 19-20, with judging in the Caprock Hotel and the finals on the evening of Nov. 20 before 3,000 persons in Lubbock's new Municipal Auditorium. Each contestant will receive awards, and the lucky girl chosen as South Plains Maid of Cotton will receive a \$1,000 wardrobe an all-expense paid trip to Memphis for her and her mother (or chaperon).

Entrants to date are: Stella Sue Moore, Jo Beth Warren, Melba Louise Williams, Edwina Laycock, Charmine Brown, Kathleen Riley, Sharinne Strickland, Joan Knight, Linda Bunger, Sandra Broome, Bobbie Scofield, Lucinda Birtzell, Jane DeWald, Sharla Bickett, Melba Neely, Diane Wilson, Kay Robinson, Linda Shile, Marilyn Abbott, Mary R. Plunkett, Mary Catherine Birkelbach, Mary Jo Cappleman, Martha Ellen Smith, Janna Murray, Eva Garza, Sharla Pepper, Jimmie Tomlinson, Judy Hatfield, Ann Nichols, Sherry Sinex, Patsy Ann Lynskey, Gail Ward, Patsy Lou Harris, Janice Benson, Dixie Hewell, Susan Guthrie, Sarah Sue Compton, Joan PEMBER, Mary Alice Richardson, Brenda Beck.

## 'Mock Night Club' Scheduled Nov. 17

First entrants in Tech's Most Handsome Man Contest, sponsored yearly by Theta Sigma Phi, have been turned in to Mrs. Margaret Schrader in the Tech Press. Organizations have until noon tomorrow to submit entries.

Candidates to date are Larry Byrd, submitted by Horn Hall; Jackie Henry Knapp; Lynn Elliott Drane; Wick Alexander, Double T Club; Bill Holeman, Sigma Chi; Bill A. Leonard, Alpha Tau Omega; Bob Phillips, Kappa Alpha Theta, and Kappa Sigma, Keith Cecil, Kappa Kappa Gamma, Larry Byrd, Horn Hale, Bill Dean, Press Club.

Selection will be made at Club Scarlet, Theta Sigma Phi's mock night club, Nov. 17 in the Rec. Hall. Seven run-off candidates will be selected by AWS Council and finalists will be announced and voted on at the mock night club.

Skits presented by campus organizations will also highlight the evening. Participants in skits will not be admitted free this year as in the past.

Admission to Club Scarlet will be \$1 per person.

## Tech Aggies Plan Pig Roast Monday

The 29th annual Aggie Pig Roast will begin at 5:30 p.m. Tuesday, in the Livestock Judging Pavilion. The biggest event of the year for the Aggie Club, its purpose is to honor the Tech agricultural judging teams. Results of Dairy Products, Livestock, Wool, Meats, and Dairy Cattle contests earlier this fall will be announced, and the Crops team will get its send-off for the season's judging. All team members will receive gold medals from the Aggie Club.

Another feature of the event is the awarding of several scholarships by local foundations and companies and the college.

Written invitations were extended to President Jones, the college deans, department heads, Aggie Club members, and area agricultural leaders; 500 to 600 people are expected to be present.

Archie Nelson is president of the Aggie Club, which is sponsored by Dr. Donald Ashdown, Professor of Entomology and Milton Peoples, Assistant Professor of Dairy Industry.

## Tech Home Economists Sponsor Short Writing Workshop Saturday

Genevieve Callahan and Lou Richardson, nationally known home economists and editors of the book "How to Write for Homemakers", will be the instructors for the home economics workshop from 9 a.m. to 4 p.m. Saturday in the Home Economics Building.

Miss Richardson has had more than twenty years of editorial work, first as an associate editor of Better Homes and Gardens and then a co-editor of Sunset Magazine. She is now a free-lance writer, contributing to home-slanted publications and managing a women's interest page syndicated to industrial publications.

Miss Callahan has held editorial positions for Ladies' Home Journal, Successful Farming and Better Homes and Gardens. She was co-editor of Sunset Magazine with Miss Richardson. Miss Callahan now contributes to home magazines and is the author of two successful cook books.

There are to be a luncheon and a dinner in connection with the workshop. Dean Willa Vaughn Tinsley will give a dinner Friday at 6:30 p.m. for the workshop committee and faculty. At noon Satur-

day there will be a luncheon in the Student Union Ballroom for those attending the workshop.

## Work Resumes On Gym-Natorium

Full-scale work should be resumed on the new \$433,000 gymnasium-natorium in a week or ten days says M. L. Pennington, vice president and controller. The present work stoppage was caused by a steel shortage. School officials are hoping for the completion by the fall of 1957.

The new gym is primarily for physical education purposes, although some intramural activities will be held there. As the plans stand now, there will be room enough on the gym floor for two basketball games to be played at the same time. The gym is being built so that it may be enlarged to have four regulation basketball courts on the floor.

The natorium will be heated. Physical education team will use the indoor pool. Seating capacity in the natorium will be approximately 500.



CAMPUS CROSSROADS

WAITER!

In the English coffee houses of the 16th and 17th centuries, customers were expected to drop coin into a box labeled "To Insure Prompt Service." The inscription was later reduced to the familiar "TIPS."

OUCH!

A dachshund puppy in a St. Louis suburb backed into a heavy-duty floor model electric fan; the pup's tail was unhurt, but the fan lost two of its three blades.

WITNESS JAILED

A witness in a Chicago Narcotics case found himself in jail at the end of the day. Finishing his testimony, he had left with someone else's overcoat.

From the Louisiana State University Daily Reveille.

Will Rogers, after once being hissed at by a member of his audience, retorted with something like this—"I know of only three things that hiss—a leaky radiator, a snake, and a fool. I see neither a leaky radiator nor a snake in the audience."

From the University of North Carolina's The Daily Tar-heel.

A TOAST

"Here's to the look that lies  
In a woman's eyes,  
And lies and lies and lies."  
—The TWC "Rambler"

Defense of Rock and Roll Music:

1. Contrary to public opinion, rock and roll music is refined and educational. Example: song about world famous composer, "Roll Over Beethoven."

2. Contrary to public opinion, rock and roll music is often about scientific things. Example: song about the medical profession—"Transfusion."

3. Contrary to public opinion, rock and roll music teaches neatness and cleanliness. Example: keeping footwear clean as suggested in song, "Stay Off My Blue Suede Shoes."

The TWC "Rambler"

COURTESY AND PATIENCE...

The major problem of campus driving seems to have shifted from parking to traffic.

While finding a parking place is relatively simple when compared to the problem last year, an all-campus traffic jam at the noon hour usually threatens to relieve some student drivers of eating duties.

With two of the main campus outlets blocked by construction, the reason for the traffic jam is obvious. Not so obvious is the solution to the problem.

The problem promises to reach gigantic proportions in the future when Will Rogers is replaced by a new Library, blocking the main entrance to the campus.

While building is being carefully planned, why isn't it possible to also provide a plan to cope with the problems of getting on and off the campus in a car?

Until the time when people responsible for the campus roads start building new entrances, the problem's only answer is courtesy and patience. Hungry drivers in long lines of cars can be somewhat less courteous than normal, and patience seems to be at an all time low when class room bells announce the lunch hour at Tech.

Perhaps if enough courtesy is used, the patience won't be so necessary.

—Ross Short

The Controversial Elvis--

Another national magazine has a story this week on rock and roll singer Elvis Presley.

The controversial Presley has been enjoying a popularity boom apparently initially supported by high school students. But others have shown a curiosity about the singer's uninhibited delivery and his audience effect. And this curiosity has been prominent in keeping Presley in the limelight.

Of course the exorbitant sums Ed Sullivan and others have paid the singer for his appearances and the flood of publicity he has been getting have helped sustain the public's interest.

But aside from being interested, the public seems to be more upset over this gyrating singer than anyone since Joe McCarthy.

It has heard religious leaders condemn the "menace" of "this immoral person." It has seen them organize youth group meetings so that youth will be subject to a wholesome atmosphere. It has seen them lead prayer meetings. It has heard high school princi-

pals forbidding that students wear Presley-type haircuts. It has seen school-dance chaperones cackling inquisitive eyes to ferret out any trace of rock and roll.

And it has seen all this because some of the national press is apparently disturbed by Presley, too. Several magazines have published articles without even an attempt at impartiality. One said that Presley had brought "a new low" to popular music.

Does it not seem silly that, because a singer uses one of the oldest theatrical tricks in the business—bumps and grinds—and attracts a following composed mainly of adolescent girls, a nation's concern ought to be aroused?

If we fear the morality of youth can be dissipated quite so easily we are not putting much faith in youth—the supposed hope of the future. It seems doubtful that any relationship exists between Elvis and becoming a juvenile delinquent.

—From ACP Features

Flash Cards To Be Used Again At TCU Game Half

The \$350 flash card experiment at the Homecoming game was a 99 per cent success, according to Eddie Neal, Flash Card chairman of the Saddle Tramps.

Neal said spectators across the field from the flash card routine gave highly favorable reports of the card patterns, indicating ex-

cellent student cooperation.

Because of last week's success, flash cards will be used again for the TCU game. Procedure will be similar, except the card section will be section P instead of Q, "because section P has a more central location and we can be sure this section will be filled," explained Neal.



A GUIDE FOR THE UNMONEYED

R. L. Sigafos was a keen, ambitious lad, and when he finished high school he wished mightily to go on with his education. It seemed, however, a forlorn hope. Crop failures had brought his father to the brink of disaster. (R. L.'s father raised date palms which, in North Dakota, is a form of agriculture fraught with risk.) Nor could R. L.'s mother help; she had grown torpid since the death of Rudolph Valentino.

R. L. could go to college only if he worked his way through. This was a prospect that dismayed him.



...I gave fencing lessons to the Dean of Women...

Racked with misgivings, R. L. paced the streets, pondering his dilemma. One day, walking and brooding, he came upon a park bench and sat down and lit a Philip Morris. (There is no occasion, happy or sad, pensive or exuberant, when Philip Morris is not entirely welcome, as you will discover when you go to your favorite tobacco counter and buy some.)

R. L. was suddenly interrupted by a small, quavering voice which said, "My boy, you are troubled. Can I help?"

Seated beside R. L. was a tiny, gnarled man with wispy, snow-white hair. His skin was almost transparent, showing a delicate tracery of fragile bones beneath. His back was bent, and his hands trembled. "Do you think, sir," said R. L., "that a boy can work his way through college and still enjoy a rich, full campus life?"

"Why, bless you, son," replied the stranger with a rheumy chuckle, "of course. In fact, I did it myself."

"Was it very hard?" asked R. L.

"Yes, it was hard," the stranger admitted. "But when one is young, all things are possible. I, for example, used to get up at five o'clock every morning to stoke the furnace at the SAE house. At six I had to milk the ewes at the school of animal husbandry. At seven I gave a fencing lesson to the Dean of Women. At eight I had a class in early Runic poets. At nine I gave haircuts at the Gamma Phi Beta house. At ten I had differential calculus. At eleven I posed for a life class. At twelve I watered soup at the Union. At one I had a class in Oriental languages. At two I exercised the mice in psych lab. At three I gave the Dean of Women another fencing lesson. At four I had qualitative analysis. At five I went clamming. At six I cut meat for the football team. At seven I ushered at the movies. At eight I had my ears pierced so that at nine I could tell fortunes in a gypsy tea room. At ten I had a class in astronomy. At eleven I tucked in the football team. At twelve I studied and at three I went to sleep."

"Sir," cried R. L., "I am moved and inspired by your shining example!"

"It was nothing," said the stranger modestly, shaking his frail white head. "It was just hard work, and hard work never hurt anybody."

"Would you mind telling me, sir," said R. L., "how old you are now?"

"Twenty-two," said the stranger.

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The makers of Philip Morris take pleasure in bringing you this uncensored, free-wheeling column each week during the school year—and also in bringing you today's new Philip Morris, packed with natural tobacco goodness, lip end to tip end.

New Way To Distinguish Sex----

By HAL BOYLE

(Reprinted from the Baylor Lariat, Baylor University)

NEW YORK (AP) — Some critics of this civilization say it is one in which men and women are getting too much alike.

There is no doubt the sexes are acting more alike every year as the result of modern woman's compulsion to share every right formerly held by man alone.

They talk alike—if anything men are a bit more interested in household topics, while women lean more to baseball and politics; and often dress alike, particularly in their leisure hours. The two-pants suit may be out of date, but now that wives have discovered the comfort of slacks the two-pants family is right in style.

There's A Difference

However, there is no reason yet to get hysterical. A careful impartial observer can always distinguish between the sexes.

Here are a few ways in which you can tell whether any human being is a man or a woman, no matter what it fears, what it says, or how it cuts its hair:

If it goes through a revolving door without lifting an arm, it's a woman. If it does its fair share of pushing it's a man.

If in a poker game it says, "cover your cards, I can see them," it's a man. If it can see every card in your hand and keeps right on looking, it's a woman.

To Pay or Not

If paying its bills gives it a sense of security, it's a man. If running up bills gives it a feeling of freedom, it's a woman.

If it always offers you a cigar, it's a man. If it always is asking you for a cigarette, then waits for a light, it's a woman.

If it sees a fly buzzing in a spider's web and brushes the insect free, it's a man. If, instead, it watches to see how the spider operates it trap, it's a woman.

If it always takes the first seat

offered by a restaurant headwaiter, it's a man. If it never accepts the first seat and is sure another location would be better, it's a woman.

Taxi Tactics

If it always climbs into a taxi ahead of you, it's a woman. If it always pays the cab driver when it gets out, it's a man.

If it will give a two-bit handout to any seedy tramp, it's a man. But if it gladly spends its whole life cooking and raising kids for a no-good ungrateful bum, it's a woman—every time!

Any questions?

TOREADOR logo and staff list including Editor Ross Short, Asst. Editor Paul Foraker, Business Manager Bill Morrow, and various staff members.

UNITARIAN FELLOWSHIP announcement by Dr. A. L. Stout, mentioning a religious education meeting at the Caprock Hotel on Saturday, November 10.



### Music Department Completes Casting For 'Amahl And The Night Visitor'

Casting has been completed for principal roles for "Amahl and the Night Visitor," a Christmas opera to be presented by Tech students in the Lubbock Little Theatre on Dec. 18 and 19.

Principals are: Amahl, Mary Jane Hartley (Nel Northcut, understudy); Mother, Carol Schultz (Joyce James, understudy); Kaspar, Ross Cass (Charles Sanders understudy); Melchior, Don Armstrong (Richard Watkins, understudy); Balthazar, Robert Wham (Wayland Stephens, understudy); and Page, Rex Pope (Richard Watkins, understudy).

The chorus includes Joyce James, Nel Northcut, Peggy O'Neill, Sarabeth Simpson, Louise Crook, Catherine Clement; Sandra Hemmie, Martha Mack, Bettye Tyer, Lela Richardson, Sharon Harbaugh, Charles Sanders, James Carthel, Bob Hancock, Richard Watkins, Wayland Stephens and Carl Mathis.

Two tenors and a bass are still needed.

Production staff members are Kay Atkins, Louise Crook, Bruce Jackson, Jane Ann Jones, Helen Willis, Martha Sue Bridges, Jean Underwood and Carl Mathis.

First organizational meeting was held this afternoon in the music building to name committee chairmen and student director.

The production is in cooperation with the Lubbock Little Theatre.

#### CHICKEN IN THE BREAD PAN—

Students squared off for a little "doe-see-doe" footwork in the Tech Union snack bar last night as the regular rock and roll beat was replaced by "hoe-down" rhythm.



### JULIE ANDREWS says:

*"Verily, a Professor 'Iggins among magazines!"*

Julie Andrews, twenty-one-year-old British girl, plays Eliza Doolittle in the sensational Broadway success "My Fair Lady" — a musical adaptation of George Bernard Shaw's "Pygmalion."

**Q.** Miss Andrews, had you ever been away from your family before you arrived in this country two years ago?

**A.** Never, and I still become dreadfully homesick. But I do talk with them several times a week.

**Q.** By phone?

**A.** No—by phonograph. We talk into recording machines, and airmail the records. They are so clear I can even hear my brothers arguing in the background about whose turn is next. It is as if we were all in one room.

**Q.** You never exchange the usual kind of letter?

**A.** Very seldom, I'm afraid. But we post back and forth bits of particular interest—like newspaper reviews, and favorite articles from *The Reader's Digest*.

**Q.** Just the Digest?

**A.** Oh, no, there are others sometimes—but the *Digest* is our magazine. Mummy and Daddy have always read it, and I began when I was twelve, playing music halls. I had to miss school, and my teaching governess went through every issue with me on the run. It was part of my lessons.

**Q.** Do you still read it on the run?

**A.** Oh, yes—waiting for assignments, waiting for buses, even waiting for curtain cues. I hope I never have to be without it. When I wish to be amused, the *Digest* amuses me; and when I need to be scolded or instructed, I can always find an article that talks to me like—

**Q.** Like a Dutch uncle?

**A.** No, much more delightfully—more like Professor 'Iggins in "My Fair Lady" showing a new world to Eliza Doolittle.

#### In November Reader's Digest don't miss:

**CONDENSATION FROM FORTHCOMING BOOK: "THE ONE THAT GOT AWAY."** The all but incredible story of Nazi fighter pilot Franz von Werra—how he broke out of a British prison camp, audaciously attempted to steal a plane . . . and finally did escape.

**REBELLION AT POZNAN.** Here are eye-witness accounts of the June uprisings that may be a preview of the eventual end of the Communist empire.

**TWO-EDGED DAGGER OF YUSUF HUSSEIN.** Eerie experiences of a British officer in the Red-infested jungles of Malaya.

**THE ANDREA DORIA'S UNTOLD STORY.** Heart-rending drama of Dr. Peterson's futile 5-hour struggle to save his wife — pinned under wreckage in their stateroom — as the giant liner slowly sank.

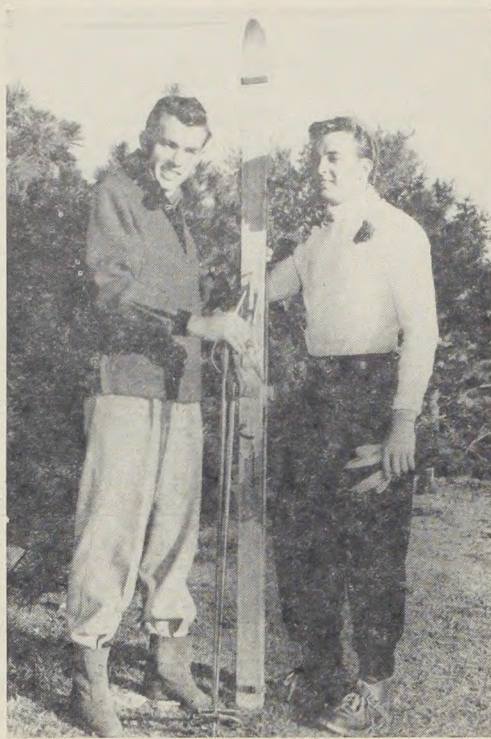
**ARE YOU A BORE?** I. A. R. Wylie shows ways we unwittingly bore others, and how to make yourself more interesting.

**WHY THERE CANNOT BE ANOTHER WAR.** Pulitzer Prize-winner William L. Laurence tells why, in the awesome light of an exploding H-bomb, one thing stands clear: thermonuclear war means certain suicide to the aggressor.



# Reader's Digest

Its popularity and influence are world-wide



SKIING, ANYONE? There isn't much snow on the ground yet and those coniferous trees are native of Texas. But Jess McIlvain and Bill Lewis are optimistic about the situation. Actually, they are trying on skiing gear for size preparatory to the proposed all-college trek to Aspen, Colo. between semesters. McIlvain is major organizer of the trip.

### Tech Union Plans Winter Ski Trip

Tech's first all-school ski trip is in planning stages by Tech Union. The college-wide trip will be to either Santa Fe, N. M., or Aspen, Colo. between semesters, probably Jan. 26-30. Approximate cost of the trip will be \$35, and plans are being made to provide transportation for those who desire to go. If Santa Fe is chosen the group may stay at a large dude ranch, providing horseback riding, dancing and other indoor sports, as well as skiing. A ski club is also being formed, to be recognized by the National Ski Association. Members will receive regular discounts on the rental of ski equipment, chair lifts and insurance benefits while skiing anywhere in the United States or Canada. Membership to the club will be opened as soon as the final date for the trip has been set.

### Annual Postpones Deadline On Pages

Deadline for clubs and organizations to reserve pages in the 1957 LaVentana has been extended from tomorrow to Friday, Nov. 16, Editor Barbara Pearce announced. Miss Pearce emphasized that Nov. 16 would be the final date to accept page reservations. If it is impossible for clubs to pay for their page at that time they may make arrangements to pay later. The charge is \$30 for one page or \$60 for a double page. The La Ventana office second floor of the Journalism Building, is open Monday through Friday from 1 to 5 p.m. and will be open tomorrow from 9 to 12 p.m.

## Suicide Or Marriage? See Counseling Dept.

Contemplating a dive from an Ad Building tower before mid-term exams? A marriage proposal? Or perhaps you can't decide whether to take well logging methods or nursery school organization and management for a spring elective. Whatever the perplexing problem, the Testing and Counseling Center in the Tech Psychology Department offers a willing ear and professional advice on personal or vocational problems.

The Center is staffed with six PhD psychologists, each a specialist in a different field. All belong to the American Psychological Association, and make up one of only four counseling centers in Texas meeting rating of the American Personnel and Guidance Association of Vocational Counseling.

In many cases Tech students are unaware of such a service on campus and of the benefits they can receive from good counseling and guidance, according to Dr. Albert Barnett, director.

The most frequent question puzzling students is "Am I in the right vocation," he said.

When a student goes to the center, he confers first with Dr. Barnett, then is assigned to the particular psychologist who can best help him with his problem. Special fields of the staffers are industrial, child, rehabilitation, clinic and counseling.

All students, regardless of problem, fill out forms concerning family, school and vocational background, interests and accomplishments in school subjects, likes or dislikes and the success and length of participation in extra-curricular activities.

Students are also questioned on present interests and vocational outlooks. Student and counselor analyze the information and arrange additional conferences or aptitude tests as needed. A charge of \$7.50 is made for a battery of detailed tests geared to help find

the individual's interests. Eight or ten hours are required for completion of the tests and they are scheduled at the student's convenience.

"We interpret but do not advise," said Barnett. "We encourage students to explore the vocation they are in or one they would like to be in and then make their own decisions."

"Many times emotional upset is the root of a problem and can be solved after one or two conferences," explained Barrett. He said students are encouraged to return for conferences any time they wish.

Several students on scholastic probation appeal to the Counseling Service. Research two years ago showed that 83 per cent of the probationers have gone ahead to do satisfactory work after counseling conferences.

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Try a F R E E trial treatment.



## Lady-B-Lovely

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## Woodrow Wilson Biographer To Help Observe Centennial At Texas Tech

Texas Tech will participate in the national observance of the centennial of Woodrow Wilson's birth Tuesday when Arthur S. Link, widely known authority and biographer of Wilson, visits the campus.

He will survey the 28th president's entire career from the stand point of constructive achievements, at 10 a.m. in the Union Ballroom.

President Eisenhower proclaimed Woodrow Wilson Centennial year to honor the man "who gave to this nation and to the world a concept of peace based on justice and freedom supported by the brotherhood of man."

Dr. Link, professor of history, Northwestern University, is the author of "Wilson: Road to the White House," Woodrow Wilson and the Progressive Era, 1910-1917," "Wilson: The New Freedom," and numerous articles.

Included in the Wilson Centennial program is an exhibit of books by and about Woodrow Wilson in the Tech library. Tech

Union will sponsor a documentary film, "Woodrow Wilson—Spokesman for Tomorrow." Time of the film has not been set.

Special classes in government and history will be dismissed for the lecture.

## Tech Takes Strides In Research Fields

Tech yesterday announced detailed plans aimed at moving forward in the field of research.

Dr. Sylvan J. Kaplan was formally presented as the college's new coordinator of research by Tech President E. N. Jones during a general faculty meeting.

Kaplan, a psychologist who has become widely known for his administrative as well as technical abilities in the field of research, said his new office is designed to help faculty members in two ways.

"The Office of Research will be available for counsel on possible (See RESEARCH, Page 5)

## PRESBYTERIAN STUDENT CENTER

2414 13th Street

NOV. 11

- 6:00 Supper
- 7:00 "WORKCAMP IN SCOTLAND"—color slides, Don Elliott, Senior Pre-med
- 7:00 Freshmen—"WHO IS THIS GUY CALVIN?" The Rev. David Richmond, Presbyterian University Pastor

NOV. 18

- 6:00 Supper
- 7:00 "CHOOSE A CHURCH VOCIATION!" Mickie Patterson, Junior
- 7:00 Freshmen—"FAITH OR FACT?" Dr. Joe Dennis, Head, Chemistry Dept.

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Friday, November 9, 1956  
Forum Gets Chapters In  
Installation of a chapter at Tech is planned for early next semester and members of Forum women's honor society plans for the Forum's administration Board has now been selected by the six surrounding S.M.U. The University of Tulsa, Oklahoma, Oklahoma State University of Norman, Oklahoma, and the University of North Dakota have all chapters of the Forum and Forum is now an unanimous consent from the remaining schools. Miss Jacqueline M. Dr. W. E. Garrett, assistant dean of women's affairs, announced the annual bulletin, now in preparation, will be published.

Tech Plays Journalists  
Plans are nearing completion for Tech's annual Journalism Festival, Nov. 17. Approximately 100 schools over the Panhandle area and western Oklahoma and New Mexico are expected to participate.

Journalist speaks Charles Guy, Lubbock Journal editor, just a United Nations for other newspapers in the United States. Dr. W. E. Garrett, journalism department head, will be the keynote speaker. "Problems of Journalism" will be the theme of the festival. These workshops will be held in four sections: mimeographed news newspaper, and business books and newspaper. The students will be asked to ask questions about the discussion during the discussion. Life. At noon, a special planned for the day. Later in the day, the department will have demonstrations on photo-mimeographing and making made for demonstration of the radio and T. Lubbock.

The presentation criticisms will be given.

VARSITY SHOW (Continued from page 3) The Student Council has decided to fund this year's show for the debts made by the year.

In an effort to avoid a student body of having Show this year, the Council sought some new organization. The Union Program persuaded to take on this year's show.

Before actual show, the Varsity Show granted the Union the following provisions:

1. After this year's show will be returned to the student Council.
2. Any profit made in the Varsity Show will be set up by the Student Council for the backing of the show.
3. If a loss is incurred, the loss will be repaid from the show profits.

In accepting the Union also reserved the right to discontinue the show if the financial show is jeopardized by insufficient planning.

Student Council pointed out that the show is a service to the school. The Varsity Show also stated that as the Student Council sponsor the show always done in the

### Forum Gets Okay From Mortar Board Chapters In Area; Plans For Installation

Installation of a Mortar Board chapter at Tech is tentatively slated for early second semester, and members of Forum, Tech senior women's honorary are making final plans for the event.

Forum's admission to Mortar Board has now been approved by the six surrounding chapters at S.M.U., The University of Texas, University of Tulsa, University of Oklahoma, Oklahoma A&M and the University of New Mexico. A formal petition has been sent to all chapters of the organization and Forum is now awaiting unanimous consent for admission from the remaining chapters.

Miss Jacqueline Sterner, assistant dean of women and Forum sponsor, announces that Forum's annual bulletin, now under publication, will be available next

week. The bulletin, consisting of a history of Forum's activities, and letters by Forum and Mortar Board Alumnae and Dr. E. N. Jones, will be sent to national officers of Mortar Board.

Membership requirements for Mortar Board specify that the club be recognized by the American Association of University Women, that the Mortar Board chapter be the only senior girl honorary organization on the campus and that members have a 1.9 overall grade point average.

### RESEARCH . . .

(Continued From Page 4)

sources of funds, how those funds can best be secured, legal aspects of research and other factors which may facilitate projects," Kaplan explained.

He also pointed out that the Office will become a central agency of information on research, not only at Texas Tech but at other institutions throughout the state and nation, and in some instances, the world.

He emphasized that "Our Office will do nothing to curb the initiative or freedom of individual researchers. We will never design a project and ask you to take it. It's up to you to come to us if you want help."

### Italian Tour Show Opens At Museum

Two sparkling fashion shows coupled with a preview peek at the exciting Italian exhibit heralded the long-in-preparation Italian Tour of the South Plains in The Museum Tuesday. The show is open to the public until Nov. 21.

Fashions shown were by Italian designers, featured in local stores. Tech was represented by two of the models, both Homecoming Queens — Revis Jordan this year, and Sandra Shook in 1955.

The exhibit features interior furnishings by noted Italian contemporary designers. Ceramics, glassware, pottery, fabrics, lamps chairs and coffee tables are shown. Clean, uncluttered lines and an unusual blend of colors and materials highlight the designs.

In addition to the display The Museum will have a continuous showing of Italian films from 3 to 6 p.m. Nov. 18 in The Museum Auditorium, and star legends of ancient Rome will be presented Monday evenings, Nov. 12 and 19 in the Planetarium.

The Italian government has sent a special representative to Lubbock from its embassy in New Orleans for the show. The presentation was organized and circulated by the Traveling Exhibition Service of the Smithsonian Institute.

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### Tech Plays Host 'Journalism Day'

Plans are nearing completion for Tech's annual Journalism Day, Nov. 17. Approximately 140 high schools over the South Plains-Panhandle area and in southwestern Oklahoma and eastern New Mexico are expected to participate.

Journalist speaker will be Charles Guy, Lubbock Avalanche Journal editor, just returned from a United Nations tour abroad with other newspapermen representing the United States, according to Dr. W. E. Garets, head of the journalism department.

"Problems of High School Publications" will be discussed by panels of high school students. These workshops will be divided into four sections — yearbook, mimeographed newspaper, printed newspaper, and business of yearbooks and newspapers.

The students will have a chance to ask questions about the college during the discussion of Student Life. At noon, a special meal is planned for the delegates.

Later in the day the journalism department will display demonstrations on photography and mimeographing and plans are being made for demonstrations from the radio and T. V. stations in Lubbock.

The presentation of awards and criticisms will close the day's events.

### VARSITY SHOW . . .

(Continued from page 1)

The Student Council has exhausted the fund it had set up for this year's show in paying off the debts made by the show last year.

In an effort to assure the student body of having a Varsity Show this year, the Student Council sought some other campus organization to sponsor it. The Union Program Council was persuaded to take on the sponsorship for this year only.

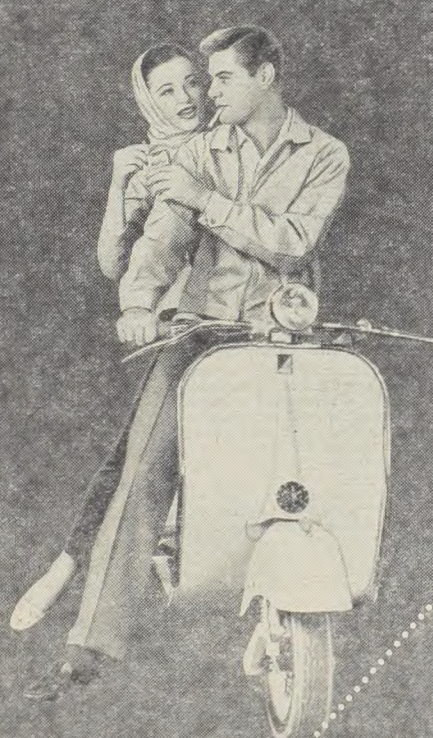
Before actual sponsorship of the Varsity Show could be granted the Union had to accept the following provisions:

1. After this year the sponsorship will be returned to the Student Council.
2. Any profit made will be placed in the Varsity Show funds set up by the Student Council for the backing of future shows.
3. If a loss is incurred it will be repaid from future Varsity Show profits.

In accepting the provisions the Union also reserved the right to discontinue the show if at any time the financial success of the show is jeopardized through insufficient planning or management.

Student Council officials have pointed out that the Union accepted the sponsorship only to do the school a service by assuring the students that Tech would have a Varsity Show this year. He also stated that again next year the Student Council will probably sponsor the show as it has always done in the past.

# Gives you more to enjoy



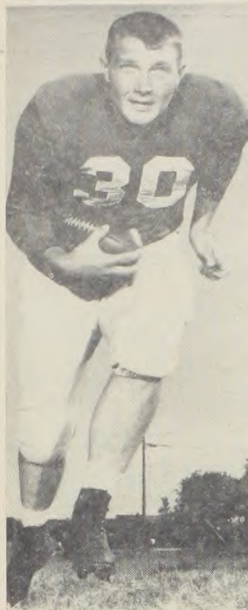
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SOPH STARS — Big Gene Bentley, left, and Duke Frisbie, right, starred in last week's 13-13 tie with the Oklahoma Aggies. Both will be in the starting lineup tomorrow when Tech tangles with the rugged Texas Christian Horned Frogs.

### Bentley Takes Rushing Leadership

Gene Bentley of Panhandle, Tech's 245-pound fullback was the workhorse in the Oklahoma A&M game last Saturday. Carrying 21 times for 82 yards, Bentley's performance won him the rushing leadership over fullback Doug Duncan. Both are sophomores. Bentley's scored Tech's second touchdown to tie the game up Saturday.

## Sellout Predicted For Tilt With TCU Frogs Tomorrow

The largest crowd of the season will pack Jones Stadium tomorrow afternoon, where at 2 p.m. Texas Tech's Red Raiders meet the mighty Horned Frogs of Texas Christian University. The game has been a near-sellout for months. Late in the week only 800 reserved seats and 3,000 south end zone general admission tickets remained for the public.

For all practical purposes, the Frogs will unveil basically the same team that walloped Tech, 32-0 here last year in the home opener for the Raiders. Last year's game set TCU rolling toward the TWC championship, and set Jim Swink in motion toward national recognition that eventually put him on the All-America team.

Some of the glitter has vanished from Swink's fabulous form, as the senior left halfback has suffered a letdown from last year's outstanding season. Even without Swink, TCU still has an array of backfield talent to fall back on, according to coach DeWitt Weaver.

"If we were good enough to contain Jim Swink by ganging up on him, we still wouldn't be strong enough to watch out for Charles Curtis's passes and running by other backs like Jim Shofner, Ken Wineburg, Buddy Dike, and Vernon Hallbeck."

Wineburg, Swink's running mate at right halfback, was the take-charge man for the Frogs early in the season, taking up where Swink had left off.

Although comparative scores and strength would indicate a carbon copy of last year's score, Tech rooters are basing spirit shown by the Raiders in recent games as hopes for a more narrow margin.

Two of Tech's linemen are definitely out, tackle and co-captain Bob Kilcullen with a broken wrist,

and center Barton Massey with a fractured elbow. Halfback Ronnie Herr suffered a shoulder separation early in last week's game and will be out tomorrow.

Milton Vaughn, left halfback who missed last week's game with a sprained ankle, may miss his second game tomorrow, and quarterback Buddy Hill, who was in for only a few plays against Oklahoma A&M, will be used only as a spot performer against the Horned-Frogs.

Tech's probable starting lineup reads: LE Ken Vakey (Tech's outstanding lineman last week), LT Charlie Moore, LG Hal Broadfoot, C Jack Henry, RG Floyd Hood, RT Doug Campbell, RE Pat Hartsfield, QB Don Williams, LH Duke Frisbie, RH Hugh Fewin, and FB Gene Bentley.

Texas Christian's starters include: LE Chico Mendoza, LT Norman Hamilton, LG Joe Williams, C Jim Oze, RG Vernon Uecker, RT Don Cooper, RE O'Day Williams, QB Charles Curtis, LH Jim Swink, RH Jim Snofner, and FB Buddy Dike.

Stadium Nears Capacity  
A sellout for the TCU game is predicted by Jimmie Wilson, Tech business manager of athletics. A capacity crowd is approximately 24,000 people.

There are 700-800 seats left in the end sections of the east and west stands. Tickets for these seats cost \$3.50. The seats are situated 5-8 yds behind the goal line.

Bleacher seats are still available. They cost \$2 per seat.

## Picadors Win Over H-SU Freshmen

By BILLY ELLIS  
Toreador Sports Editor

Led by the power-running of halfback Mickey Barron, the Texas Tech freshman Picadors rolled over Hardin-Simmons' frosh, 39-19 last night in Jones Stadium. Gaining 176 yards on nine carries, Barron scored four of the Picadors' six touchdowns, on runs of 52, 24, 55 and 17 yards.

So potent was the ground attack by Coach Tom Hamm's crew, that they went to the air only four times, completing one pass for 11 yards. The "Little Raiders" garnered a total of 437 yards rushing to overwhelm the visitors, much to the delight of the small band of supporters braving the wintry night.

The Picadors were off to a flying start when quarterback Ronnie Rice took the kickoff on his four-yard line, fumbled it momentarily, then raced 96 yards down his right sideline for a touchdown. Fullback Wallace Miller ran off the point-after, and Tech was over the top.

Tech's frosh were forced to take the defensive as Hardin-Simmons came roaring back, and did a magnificent job of staving off a drive by the Buttons, and taking possession of the pigskin once again. Barron's first touchdown came still early in the first period, to give his team a 13-point edge. On a quick-opener, the 175-pounder from Childress ripped through the line, way beyond his defenders in a wink, and sprinted the 52 yards to the goal like a dashman deluxe.

Proving that he wasn't a fluke, Mr. Mickey scored the only touchdown of the second period to give Tech a 20-0 halftime lead. Barron took the delayed handoff, slated off-tackle, and aided by a key block, scooted 24 yards for the TD. Left half Jerry Creager booted the extra point.

The visitors were not to be shut out, however, as they came out for revenge after the halftime intermission. Led by the passing of quarterback Jim Tom Butler, and fine receiving by end Sam Engle, who caught three passes on the

drive, Hardin-Simmons drove for the Tech goal.

For a time it appeared that the junior Raiders were going to hold the visitors, but on fourth down, Butler sent his namesake, halfback James Butler into the left flat, where he was an easy target for a 7-yard touchdown pass. Joe Allen's attempted boot was blocked, and the score read 20-6.

Aroused by this sudden show of life, the Picadors retaliated, calling on Barron for his masterpiece of the night. Mickey displayed a fine bit of broken-field running, ripping off-tackle into the secondary, waiting for his blockers to pave the way, and weaving 55 yards and the score. Creager's point-after try was no good, but Tech led 26-6.

Early in the fourth period, Tech held the Buttons, and took over on their own 18-yard line. On the first play quarterback Ronnie Rice was sprung into the open on a keeper play, followed good blocking down the sidelines, and sped 65 yards before being tripped up on the 17-yard line by his last defender.

Rice called upon halfback Dwayne Powell at this point, and the latter covered the remaining distance in two plays, scoring on a five-yard power-drive. Miller was called on to run the point-after for the second time of the night, and Tech led 33-6.

A bad break gave the visiting Buttons their second touchdown. A high snap from center went over punter Jimmy Allison's head, giving H-SU the ball on the 3-yard line. Tech shoved the visitors back to the 11 in three plays, but another Butler-to-Butler fourth down pass came through, and the score read 33-12, the point after try again failing.

End Mike Coover ended a goal-ward drive by snagging a Butler aerial late in the fourth, and almost carried it all the way back, being stopped after a 45-yard gallop. This set the stage for Barron's last touchdown of the night, a 17-yarder through the middle of the H-SU line. A penalty foiled the point-after, and Tech led 39-12.

That should have been the game, but penalties, capped by a

32-yard pass interference call gave the visitors the ball deep in Tech territory, and the Buttons scored when quarterback Jim Butler went over on a keeper play. A Butler-to-Engle pass gave the visitors their only point-after of the night, and that was the ball game, 39-19.

Officials had a gay time with the red flag during the space of the game. In all they called 26 penalties for a grand total of 332 yards. A whopping 252 yards went against the Raider hopefuls, but it wasn't enough to check the fiery frosh.

The Picadors had magnificent line play, with excellent downfield blocking on the long runs. Other than Barron, leading gainers were Rice, 73 yards on only three carries; Miller, 63 yards, and Powell 63 yards. For H-SU, Jim Butler hit 12 of 29 passes for 133 yards, accounting for about half his team's offensive.



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### VARSITY WINS TILT WITH FISH CAGERS

Texas Tech's Varsity basketballers scrimmaged the freshman cagers last night in an exhibition open to the public. No official score was kept, but the tabulation kept by this writer read Varsity 114, Freshmen 82.

Coach Gene Gibson's talent-laden freshmen held the varsity in check for some time, but experience and ability began to tell as the scrimmage progressed. Unofficially, Logan Cummings led the Raider varsity scoring with 20 points, followed by Gerald Myers with 16. Other consistent scorers for the varsity were Sterling Gibson, Charlie Lynch, and Leon "Podd" Hill.

For the freshman, 6-10 Pat Noakes pumped through 16 points, as did Gene Arrington. Other high scorers were James Wiley, Dale McKeenan and Robert Echols.

As mentioned, the clock was not run, but the teams played slightly over an hour, with brief pauses for substitutions, coaches' instructions, etc., so that the game was about average length.

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Friday, November 9, 1956  
Intramural:  
Close games were intramural action...  
Alpha Zeta Record 25  
One of the large fraternities in recent years...  
Agronomy major: Layton Raun, B.S. in Agriculture major: J. Lubbock; and Park major: Melvin Shan...

### Intramurals Feature Fast Action

Close games were featured in intramural action this week. Of the six games played, three were decided in an overtime period. (In touch football, when the teams are tied at the end of regulation play, an overtime is played. The ball is put into play at the 50-yard line, a coin-flip deciding who gets the ball first. The teams are given four alternating plays each, in which to advance the ball into the opponent's territory. If no touchdowns are scored in the eight plays, the team possessing the ball in enemy territory is declared the winner, 1-0.

In the Dorm League, West Hall won its first game of the season via the overtime route, 1-0 over Doak. Bledsoe knocked Gordon out of a first-place tie in the league standings by taking a 7-0 verdict.

Two overtime games were played Wednesday in the Fraternity League. Pi Kappa Alpha won over

Phi Gamma, 1-0, to remain tied for first in league standings with Kappa Sigma, who walloped Phi Kappa Psi, 19-6. In other games, SAE moved into contention by shutting out ATO, 19-0. Phi Delta Theta took their third win of the season over winless Sigma Nu, 1-0 in an overtime.

Intramural standings with two games remaining for each team (three in the Fraternity League) follow:

Sneed	DORM	2-0
Gordon		2-1
Bledsoe		1-1

West	1-1
Doak	0-3

FRATERNITY	
Phi Kappa Alpha	5-1
Kappa Sigma	5-1
Sigma Alpha Epsilon	4-1
Phi Delta Theta	3-3
Phi Kappa Psi	2-3
Alpha Tau Omega	2-3
Sigma Tau Omega	2-3
Sigma Chi	1-4
Sigma Nu	0-5

INDEPENDENT	
Burnetts	3-0
Subs	3-0
BSU	1-1
Wesley	1-2
Phi Mu Alpha	0-3
Tech Vets	0-3

### Auditorium Calendar Offers Variety

A rock 'n roll show, a Metropolitan Opera star, and a cooking school will highlight activities at the Lubbock Municipal Auditorium this week.

Bill Haley and his Comets will make one-night stand at the Auditorium Saturday at 8 p.m. Haley and his group are well known for their rock 'n roll interpretations, especially in the movie "Blackboard Jungle" of a few seasons ago.

celebrated Metropolitan Opera bass, will appear as soloist with the Lubbock Symphony Orchestra in their second concert of the season.

Furr's Cooking School will feature Ruth Knight, prominent Lubbock chef, Wednesday from 9:30 to 11:30 a.m., Thursday from 7:30 to 9:30 p.m., and Friday from 1:30 to 3:30 p.m. A style show sponsored by Hemphill-Wells Company will also be featured at the Thursday school.

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### Penny-a-Minute Night Nets Over \$160 for AWS Fund

It was worth \$160 to Tech coeds to stay out past regular hours Tuesday.

Association of Women Students, sponsors of Penny-a-minute night Tuesday, reported that they netted \$80 from Drane freshmen alone. Upperclassmen late-comers provided a total of \$40.

The money will be used by AWS to pay bills and send two delegates to the national AWS convention in Michigan. Penny-a-minute night is usually held two weeks preceding exams but was

scheduled sooner this semester to meet financial demands of the organization.

"Penny-a-minute night gave freshmen women an opportunity to stay out until 10 p.m. instead of the usual 8:30. Sophomores and juniors were allowed to stay out until 11 p.m. and seniors had until 12. Only students who paid their dues to AWS were allowed to participate in this activity. Each girl was charged a penny per minute for each minute she was out past regular hours.

### Alpha Zeta Admits Record 25 Initiates

One of the largest number of initiates in recent years were initiated into the Texas Beta Chapter of Alpha Zeta, Agriculture honorary fraternity, Tuesday. The initiates are:

Animal Husbandry majors: Gary Allen, Saginaw; Dale Herring, Talpa; Richard Ligon, Loving; Kary Mathis, Lubbock; James Osborne, Panhandle; Bennie K. Whiteside, Wingate; and Jim Cloyd, Canadian.

Agronomy majors: Joe Leach, Plainview; Dean Rea, Buchland; Don Smith, Weinert; Donald Lee Terrell, Plainview; and Irven Smith, Brady.

Agricultural Education majors: Bob Crawford, Blanket; Douglas Lowe, Clarendon; Alton Sparks, Colorado City; Lonnie Parker, Elk City, Oklahoma.

Dairy Industry majors: John A. Jaynes, Bonham and James Foushee, Dallas.

Agriculture Science majors: Delbert Hess, Hermleigh and Jesses Motes, Enochs.

Crops majors: Kenneth Lindsey, Pecos and Ralph Mabry, Petersburg.

Agricultural Engineering major: Layton Raun, El Campo; horticulture major: Warren Hunt, Lubbock; and Park Management major, Melvin Shanks, Morse.

### 500 See Unveiling Of Stangel Portrait

A portrait of Dean W. L. Stangel, who has become known as "Mr. Agriculture of the Southwest," was unveiled Saturday morning before a crowd of more than 500 gathered in the Aggie Pavilion. Agriculture students, alumni, and staff chipped in to pay for the portrait, painted in oils by Mrs. Jack Edwards of Amarillo.

Mrs. Clifford Barr of Lubbock and Mrs. Hugh English of El Paso, the dean's two daughters, unveiled the painting at the Aggie Club's Homecoming breakfast honoring the Dean. The portrait was presented by Dr. Wayland Bennett, chairman of the Aggie Club portrait committee. Dr. George Elle, assistant dean of agriculture, accepted the portrait on behalf of Texas Tech. It is hanging in the main hall of the Agriculture Building.



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Humble interviewing teams will be on the campus on November 15-16, 1956. Be sure to check with your Placement Bureau for the exact time and place so you can discuss job opportunities; or write directly to:

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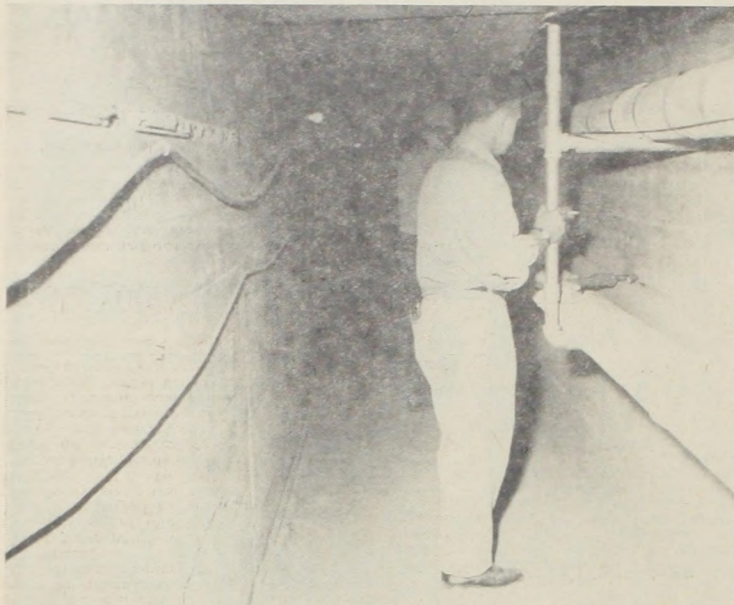
Good Things to Eat  
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## EATERY

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15 FEET IN FRONT OF EAST ENGINEERING—(and six feet under) repairmen work on a steam trap in one of the tunnels that form an underground net-

work between Tech buildings. On the left wall are telephone and electric wiring. In the foreground is maintenance man Jimmy Ferrell.

## Tunnels Underlie Tech Campus

By CAROLYN MIMMS  
Toreador Staff Writer

Have you ever noticed that there are no telephone lines on the campus grounds?

They are all underground, channeled through a network of tunnels six feet high and five wide which link permanent campus buildings, according to Olan Ray Downing, superintendent of the power plant and utilities.

The tunnels carry seven utility lines from the powerhouse to the basements of the different buildings. The seven lines are a ten-inch high-pressure line carrying steam, a six-inch auxiliary steam line a six-inch condensate return water main, telephone cables, and clock cables. These run parallel to each other in the tunnel.

Steam which condenses to water after it is used is returned to the utility powerhouse in the six-inch condensate return line. After it has been brought back to the powerhouse it is reboiled until it becomes steam, then is used again. This cycle also occurs when the three-inch high-pressure condensate line returns water which condensed during transmission to the basements.

One hundred pounds of steam pressure is carried through the tunnels in the ten-inch steam line, but when the steam reaches the heating system of the buildings it is reduced to five pounds.

Steam for the buildings is supplied by seven boilers producing 100,000 pounds of steam per hour. Water is turned to steam in the pipes along the wall of the boiler. On the average, approximately

100,000 cubic feet of gas is burnt per hour in heating the pipes which contain about 3,000 gallons. In case of gas shortage, two 30,000 gallon storage tanks are used to produce the steam.

Until last year the campus's electrical cables were in the tunnel. They were removed last fall due to increased voltage and heat in the tunnels which decreased their longevity.

The tunnel system is typical of almost all college campuses and a number of larger cities in the North. In the North, people buy heat similar to the way West Texans buy gas. The steam flows through a pipe adjacent to the houses and it only has to be piped in.

One of the main advantages of the system is that only one operator is needed to operate a plant that supplies heat to numerous buildings, stated Mr. Downing. It is also more economical because if each building had its own heating system there would have to be a man employed in each building. Tunnels also make line repairing faster since they are easier to get to.

Men inspect the tunnels at least once a week to check the lines for leaks.

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Itineraries in Library 111, or call Mrs. Strout after lunch at POS-5828

## Home Ec Harvest Banquet Scheduled Tuesday Night

"Better to light one candle than to curse the darkness," will be the subject of a talk by Mrs. O. L. Byrd, noted Lubbock book reviewer and Tech graduate, at the Home Economics Club Harvest Banquet Tuesday.

The banquet will be in the Union Ballroom at 6:30 p.m. Tickets are on sale in the Home Economics building for \$1.40.

A major item on the program will be presentation of the Borden Foundation Scholarship, a \$300 award given each year to an outstanding senior.

Other awards to be given include the Lubbock Panhellenic Society Scholarship, the Home Economics Club Award, the Melba Mae Maxey scholarships, Ethel Foster scholarships and Sears-Roebuck Foundation scholarships.

Recognition will be given to recipients of the District Two 4-H Scholarship, The Texas Home Demonstration Association Scholarship and the Santa Fe 4-H

Club Scholarship.

Banquet chairman is Beverly Wood. Committee heads are Martha Benn, decoration; Maynet Derr and Dottie Sue Horchem, publicity; Phyllis Guest, ticket sales; Sammie Fowler, Union arrangements; and Carolyn Reynolds and Anna Margaret Motes, program.

### Gamma Phi Beta Sets Sunday Tea

Gamma Phi Beta will have a Founder's Day tea Sunday from 3 to 5 p.m. in the Student Union Anniversary and Work Rooms to mark the sorority's 82nd anniversary.

Cheri Laurie is in charge of the program, featuring a skit about the four founders of the group. They will be represented by Carol Gordon, Gayle Auther, Martha Ann Clement and Beth Golden.

Sandra Hemmle will sing "In the Heart of a Pink Carnation" against decorations of a crescent moon of carnations.

Patsy Hab is in charge of decorations and alumnae are in charge of refreshments.

### AIME TO MEET

Gus Athanas, of Stanolind Oil company, will be guest speaker at the American Institute of Mining, Metallurgical and Petroleum Engineering meeting Tuesday.

The meeting will begin at 7:30 and all petroleum engineering students are urged to attend.

### HERE ARE YOUR OLD GOLD

# TANGLE SCHOOLS

### PUZZLES

#### PUZZLE NO. 16



**CLUE:** Established by a wealthy Boston lawyer, this school was the first women's college to have scientific laboratories.

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Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
College \_\_\_\_\_  
Hold until you have completed all 24 puzzles

#### PUZZLE NO. 17



**CLUE:** This midwest university is conducted by the Congregation of the Holy Cross. A field house on the campus here is a memorial to a great football coach.

ANSWER \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
College \_\_\_\_\_  
Hold until you have completed all 24 puzzles

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#### PUZZLE NO. 18



**CLUE:** A railroad magnate gave \$1,000,000 to help found this Southern university. Among its alumni is writer Robert Penn Warren.

ANSWER \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_  
College \_\_\_\_\_  
Hold until you have completed all 24 puzzles

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