

## Texas Humbles Raiders 75-66

by RALPH W. CARPENTER  
Toreador Sports Editor

The Texas University Longhorns scored a decisive 75-66 basketball victory over Texas Tech's Red Raiders Monday night in Austin's Gregory Gymnasium before 6,000 screaming fans.

**BIG JAY ARNETTE**, Longhorn forward from Austin, was the big gun in the Steer attack, pouring 21 points through the hoop. Mac Percival, sophomore from Vernon

was high point for the Big Red crew with 17 points. Del Ray Mounts trailed with 16 markers. Donnie Lasiter scored the first point of the game on a free throw and the Longhorns were off to a lead they never lost. The boys from Austin led 43-28 at the intermission.

**THE LONGHORNS'** points were the most a Texas team has ever scored against Tech, breaking the old mark of 74 set during a 79-74 defeat in 1955.

The Raiders lost Gene Arrington on fouls in the second half. The Amarillo senior had only 10 points when he left the game, but he had been doing a good floor job for Robison's men.

**THE TECH FIVE** staged a rally late in the second half but the clock caught up with them before they could narrow the gap past 9 points. The Longhorns were content to slow the game down and let the clock toll the Raider's doom.

One bright spot in the game was the scoring performance of James Wiley, Wiley, who has been in a scoring slump of late, dropped in 10 markers for the Tech five.

**THE TEXAS** victory applied pressure on Texas A&M and SMU. If either of them lose their games tonight they will fall into a second place tie with the Steers. The Raider loss dropped them into fifth place, half a game behind Arkansas and a game ahead of Baylor.

**TONIGHT'S SWC** schedule finds SMU against Rice at Dallas, Arkansas playing Texas A&M at Fayetteville and Baylor against Texas Christian at Waco.

The Raiders return to action Saturday night in the Coliseum when they meet the Baylor Bears.

## Service Set For Three

Funeral services for the three Texas Tech students who died in rugged canyon country near Silvertown, about 80 miles northeast of Lubbock, are planned for today and Wednesday.

In Waxahachie today, services for Robert Keplinger, 21, son of Mr. and Mrs. P. A. Keplinger of Waxahachie, have been announced for 10 a.m. Rites for John P. Arden, 21, son of Mr. and Mrs. John W. Arden of Waxahachie, are set for 2 p.m. Both funerals are under direction of Rudolph Funeral Home of Waxahachie.

In Cleburne Wednesday a military funeral is planned for Kelton Conner, Jr., 21, son of Mr. and Mrs. K. R. Conner of Dallas.

Sigma Chi, which Conner was pledging, and Delta Tau Delta, which Arden was pledging, both were reported Monday as hoping to send members to attend the funeral services. Some Sneed Hall residents were also reported planning to attend the funerals.

**STUDENTS AND CIGARETTE BUTTS**—Techsians enjoyed the new classroom and office building Monday to such an extent that they forgot to deposit their butts in their proper places. Upper right inset shows built-in cigarette receptacles; lower left shows damage done.

## New Building Now Open

by Betsy Williams  
Toreador Staff Writer

Monday at 8 a.m. students entered the new classroom-office building to attend the first classes held there.

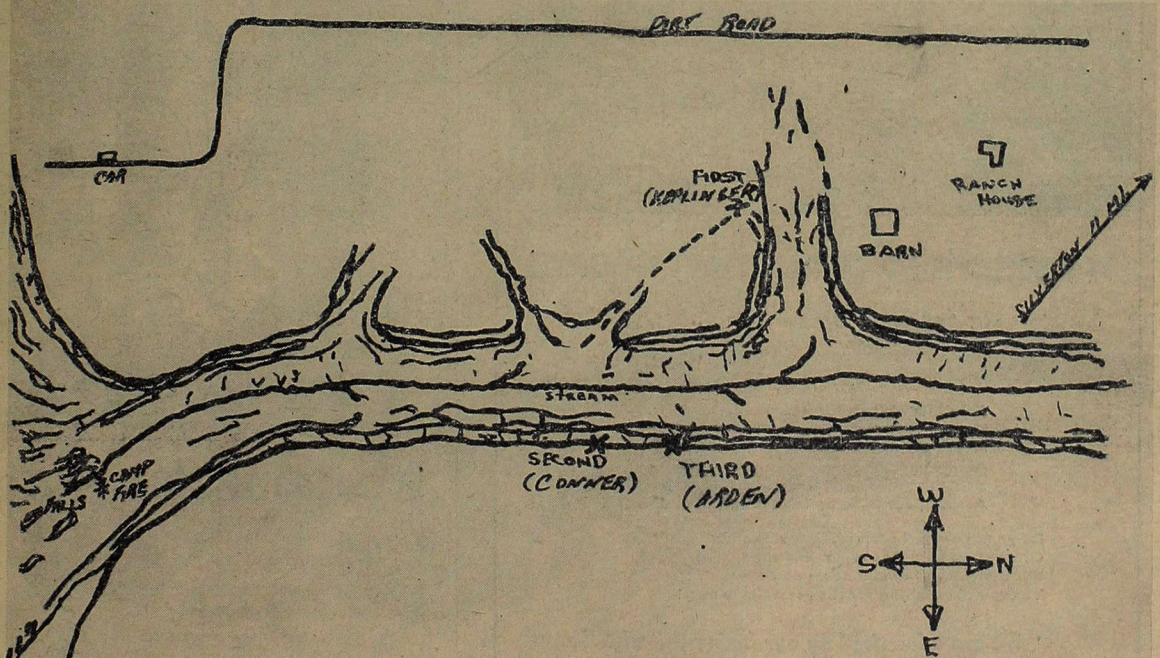
**UPON ENTERING** the building the student sees tiled floors with walls of different colored paneling on one side and blue tiled walls on the other. On the paneled side

are offices and on the tiled side are the classrooms.

Going into the classroom the student sees blueboards instead of the usual green or blackboards. He also finds that he has an individual desk and chair which are both movable. Windows cover one complete side of the room and a clock in the hall can be seen through the glass over the door. **IN THE HALLS** are ash trays

on the walls which students do not seem to notice as the new floors already have burned marks from cigarettes being ground out on them.

The offices are not yet complete but most of the classrooms are in use. The acoustics vary from room to room, the students being able to hear well in some and not so well in others.



**THIS MAP IS A** rough sketch of the canyon area where three Texas Tech students recently lost their lives. The car was parked

approximately three miles from the second point. Between the second and third points there is about 300 yards.

# Clocks Pose Headaches

by H. T. BARNES  
Toreador Issue Editor

Two men are responsible for the clocks that are in operation all over the campus.

These men, Oscar Wilson, electrical foreman for the building maintenance department, and Floyd Baker, electrician, must do the work necessary to keep the one master clock, 398 extension clocks and two miles of clock cable in good working shape.

RECENTLY the clock system has been giving these men more than average trouble. Due to an

accident in a local wrecking yard (someone knocked out a power line by backing an A-frame into it), the power on the campus was off for about thirty minutes last week causing the stoppage of the clocks as well as lights and other electrical conveniences.

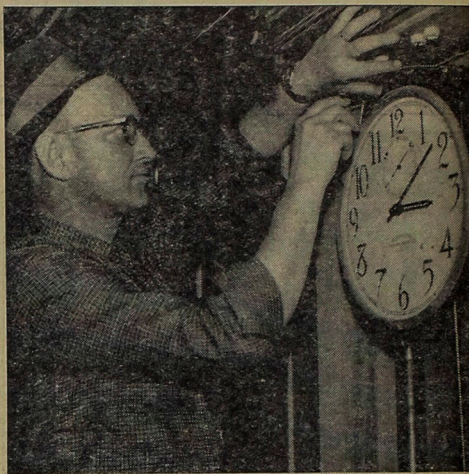
A more frequent reason for failure is the collection of "Texas rain," dust, in the workings of the master clock. The master clock was installed in 1949 and may possibly be replaced in the near future. At any rate, age is another factor entering into the possibility of mechanical failure.

THE MASTER clock is run by

an IBM machine and is located in the Ad Bldg.

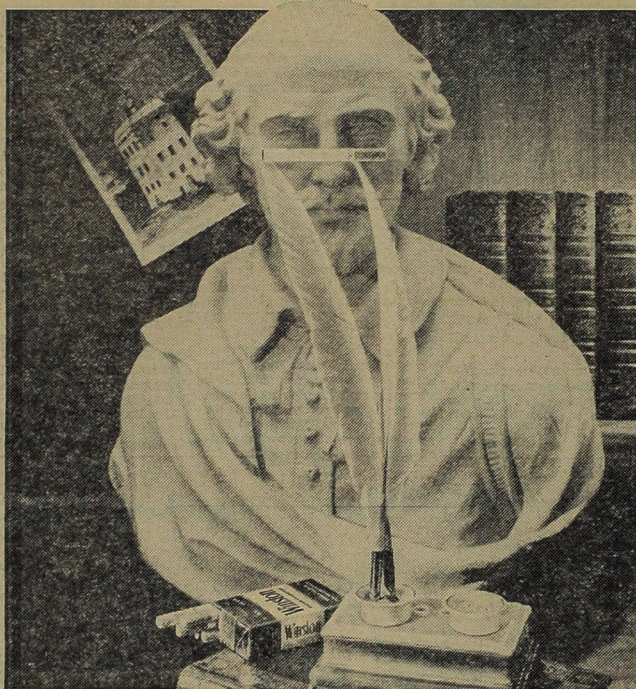
Presently, clocks are found in nearly all classrooms as well as in the hallways of most buildings. In the new buildings under construction and those in the planning stages, clocks will be installed in the hallways only. A buzzer or bell system will be utilized to announce the beginning and ending of class periods.

Of the 398 clocks on the campus at the present, only failure of the master clock results in the stoppage of all others. Should one of the extension clocks stop running of its own accord, it would not cause any others to stop.



ELECTRICIAN FLOYD BAKER SUPPLIES MISSING SCREW  
... power failure causes master clock to stop

*But soft! What taste from  
yonder **FILTER-BLEND** ...*



## IT'S WHAT'S UP FRONT THAT COUNTS

This filter, be it e'er so pure and white  
Must needs give flavor too, full clear and bright  
Else would the trusting smoker, filled with hope  
Again be dashed, dejected be... and mope.

And thus we come to Winston's obvious truth  
It's what's up front that counts—and 'tis, forsooth  
In that the fine tobaccos, in the end  
Are by exclusive process—Filter-Blend—  
Become the tastiest taste that e'er hath played  
Across your dancing taste-buds, man or maid!

Be ye not slow, therefore, to test the wit  
Of what we say: that Winston, friend, is *it*;  
For that with ev'ry smoke ye do delay  
Ye are not gath'ring rosebuds while ye may!

**"We are advertised by our loving friends..."**

KING HENRY VI, PART III, ACT V, SC. III

R. J. REYNOLDS TOBACCO CO., WINSTON-SALEM, N. C.

## Army General Inspects ROTC Cadets Today

Army ROTC cadets at Texas Tech are polishing brass and shoes today in preparation for an inspection by the 4th U.S. Army's deputy commanding general.

MAJ GEN. Lewis S. Griffing will arrive from Fort Sam Houston at Lubbock Municipal Airport this morning to begin his conference with Tech, Army reserve and National Guard officials.

Col. James B. Carvey, professor of military science, said the

general will inspect an honor guard of Army ROTC cadre and the drill team at 10:15 a.m.

Gen. Griffing will visit with Distinguished Military Students, Lubbock National Guard and Army Reserve unit officers at 10:30 a.m. and then inspect Tech military science facilities.

BETWEEN 11 a.m. and noon he will visit two ROTC classes and later have lunch with Dr. R. C. Goodwin, Tech acting president, and academic deans.



## It's a puzzlement:

When you're old enough to go to college,  
you're old enough to go out with girls. When  
you're old enough to go out with girls, who needs  
college? Oh well, there's always Coke.

BE REALLY REFRESHED



Bottled under authority of the Coca-Cola Company by  
COCA-COLA BOTTLING COMPANY OF LUBBOCK, TEX.

# UNION RATS, Inc.

by JEANNE HOOVER  
Toreador Staff Writer

With Leap Year and the approaching Valentine season, romance is not only in the air but on the up-coming schedule at the Union.

"Valentine Vanities," annual holiday dance, is set for Friday in the Ballroom. Bob Lamont and his Orchestra will play for the dance from 8:30 to 11:30.

Other dances this week are the Tuesday Night Dance in the Ballroom from 7-8:30, and a Square Dance in the Rec Hall from 7-8:30 Thursday night.

Signups for the bridge tournament will continue through Feb. 19, as the Intercollegiate Bridge Tournament is still in full swing from its start yesterday. The contest will continue through Feb. 24.

Movie of the week is the comparatively new "Compulsion," starring Orson Wells, Diane Varsi, and Dean Stockwell, to be shown

## When In Doubt Go Find Out

Students who have doubts or questions about Tech education may voice them and hear reactions from Tech faculty members at 7:30 p.m. Friday in the Aggie Auditorium.

Five faculty members will discuss the question, "Can We Improve Academic Effort?" After 45 minutes of discussion by the panel, the meeting will be open to questions from the floor.

Members of the panel and their fields are George Elle, horticulture; E. Richard Heimann, mathematics; Earl Kooz, sociology; Jack Powers, mechanical engineering; Alan Strout, English; and Harry Walker, economics.

Sam Lee will be moderator. The panel is sponsored by the Tech chapter of the American Assn. of University Professors.

## Aggies Confer On Chemicals

Inter-relationship between quality crop production, the livestock industry and range management will be emphasized at Tech's seventh annual Agricultural Chemicals Conference beginning today.

Tech personnel on the program are Dr. Gerald W. Thomas, agriculture dean; Dr. Ralph Durham, head of animal husbandry department; Dr. W. L. Stangel, dean emeritus of the School of Agriculture, and Dr. Clark Harvey, agronomist.

Registration will get underway between 5 and 7 p.m. today, in the Caprock Hotel and continue at 8:30 a.m. Wednesday in the Tech Union where all sessions will be held.

Sponsors of the conference, which closes Thursday, are Tech, Lubbock Chamber of Commerce, West Texas Chamber of Commerce and the A&M College System of Texas.

## Cuban Student Speaks Tonight

Antonio Montoto will be the featured speaker at a joint meeting of Sigma Delta Pi and Capa y Espada at 7:15 p.m. today in the Rec Hall.

Montoto, a Tech student from Cuba, after a visit to his homeland during the Christmas holidays, will present a discussion on the present Cuban situation.

Members of both organizations and other interested persons may attend.

## Ad Fraternity Picks Officers

Jack R. Moore has been re-elected president of Alpha Delta Sigma, men's national advertising fraternity.

Other officers elected are Dan Fuller, vice president; Bill Sherbert, secretary; Don Washington, treasurer; and Bill Everheart, pledge trainer. Larry Bridges was appointed to head the executive committee.

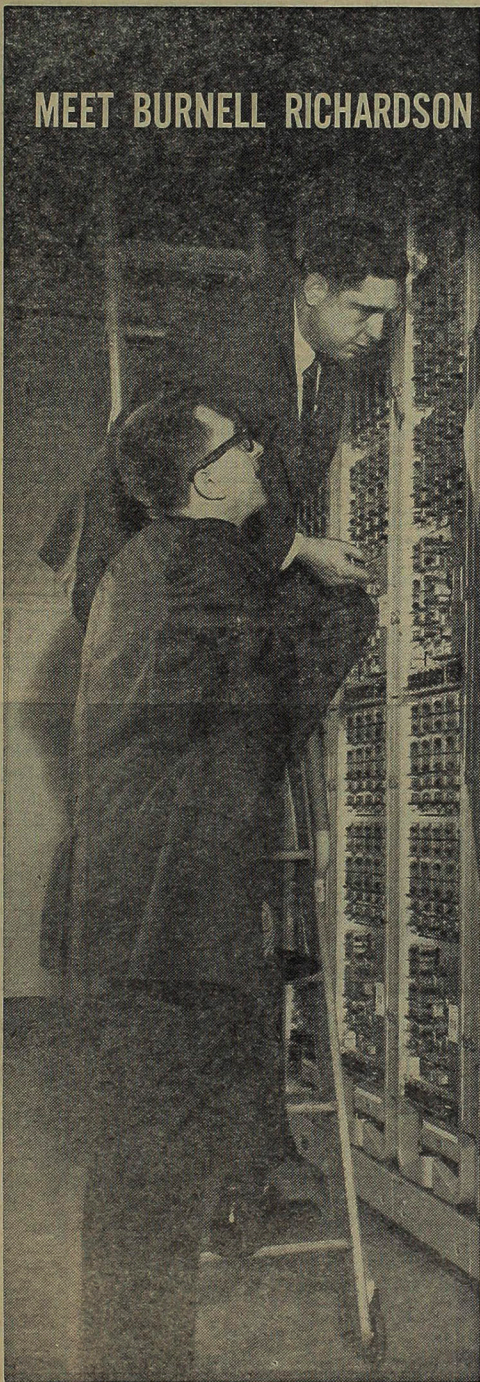
An ADS smoker for spring semester rushes has been set for 7:30 p.m. Feb. 12 in Journalism 204 for men interested in advertising and wishing to become affiliated with Alpha Delta Sigma.

## Phi Gamma Delta Wins Intramural Speech Meet

Phi Gamma Delta took first place honors in last semester's intramural speech contest, followed by Kappa Sigma, Kappa Gamma and the Pre-Law Club.

Two divisions, A and B, are open. A includes radio speaking, bible reading, poetry reading and dramatic interpretation. **DIVISION B** covers extemporaneous speaking, persuasive speaking, after-dinner speaking and public speech interpretation.

Individual contestants may enter but are not eligible for trophies, only certification.



## MEET BURNELL RICHARDSON AND DICK MASLOWSKI

They're transmission engineers with Michigan Bell Telephone Company in Detroit. Burnell graduated from Western Michigan in 1951 with a B.S. in Physics, spent four years in the Navy, then joined the telephone company. His present work is with carrier systems, as they relate to Direct Distance Dialing facilities.

Dick got his B.S.E.E. degree from Michigan in 1956 and came straight to Michigan Bell. He is currently engineering and administering a program to utilize new, transistorized repeater (amplifier) equipment.

Both men are well qualified to answer a question you might well be asking yourself: "What's in telephone company engineering for me?"



SAYS DICK:

"There's an interesting day's work for you every day. You really have to use your engineering training and you're always working with new developments. Every time Bell Laboratories designs a new and more efficient piece of equipment, you are challenged to incorporate it in our system effectively and economically. For example, I have been working on projects utilizing a newly developed voice frequency amplifier. It's a plug-in type—transistorized—and consumes only two watts, so it has lots of advantages. But I have to figure out where and how it can be used in our sprawling network to provide new and improved service. Technological developments like this really put spice in the job."



SAYS BURNELL:

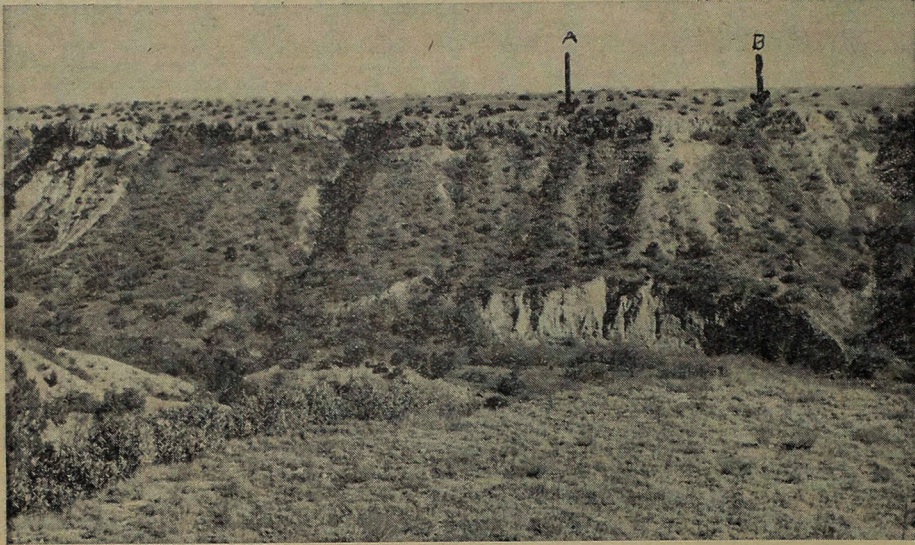
"Training helps, too—and you get the best. Through an interdepartmental training program, you learn how company-wide operations dovetail. You also get a broad background by rotation of assignments. I'm now working with carrier systems, but previously worked on repeater (amplifier) projects as Dick is doing now. Most important, I think you always learn 'practical engineering.' You constantly search for the solution that will be most economical in the long run."

There's more, of course—but you can get the whole story from the Bell interviewer. He'll be visiting your campus before long. Be sure to sit down and talk with him.

BELL TELEPHONE COMPANIES



# Death Claims Students In Wasteland



by RON CALHOUN  
Toreador News Editor

The search had ended.

To Kelton Conner Jr., John P. Arden and Robert Keplinger, 21-year-old Tech students, the success of this search by helicopter, state and county officers and assorted volunteers meant nothing.

They did not survive the first night of blizzard snow and wind—they could not hang on to life even though they were so close to it.

For Thursday morning was clear enough and from any point around the rim of the canyon and in any direction they could have seen signs of civilization.

The terrain around the canyon (see map on page one) is rough only in the immediate vicinity of the rim. One hundred yards away from the rim the trio would have been on rolling West Texas prairie.

It is the canyon—and only the canyon—that could bring tragedy. It is a huge, gaping crack the face of the table-like country. The walls are some two to three hundred feet high, mostly straight up.

The canyon floor is wild, broken land cut by a marshy, non-flowing stream. From rim to rim the main part of the canyon measures four to five hundred yards across.

The map on page one shows the rough positions of

the car, the campfire and where the bodies were found on Sunday morning. From these points, one can only resort to conjecture as to what really happened on that terrifying night not yet a week ago.

How would you recreate the events leading to the tragedy? There have been many stories—everyone connected with the search Sunday has his own ideas. But what really happened will never be known.

You have to consider several important facts. The three left Tech around 1 p.m. Wednesday. They drove approximately 80 miles to the Lemons ranch near Silverton. Bad weather hit them sometime during the afternoon.

Here is the story this writer thinks most feasible. The Techsans arrived at the ranch about 3:45 p.m., then parked and locked the car.

A few minutes after 4 p.m. they were in the vicinity of the falls (shown on the sketch). Rain then fell in icy sheets so they built a fire under the protection of the falls.

After 20 or so minutes the rain let up and possibly stopped. Keplinger, Arden and Conner then made the choice of resuming their adventure instead of going back to the car. They headed north through the bottom of the canyon.

The trio possibly reached the end of the canyon (not shown on the map but not too much further northward). When they started back darkness was coming fast. The weather was threatening again.

While the search for the three missing Texas Tech students was getting underway early Sunday, five Toreador staff members made a hurried trip to the Silverton area—little realizing the tragedy about to unfold.

Making the trip were Tom Schmidt, Ron Calhoun, Travis Harrell, Phil Orman and Preston Maynard. Harrell, Toreador head photographer, made more than 60 pictures, some along the canyon's rim in none-too-enviable positions.

The picture to the left was made on the west side of the canyon looking east. Position "A" marks where the body of John Arden was found and "B" the location of the body of Kelton Conner, Jr.

Bottom of the page, upper left, a Civil Air Patrol cadet shows Arden's glasses as he found them. Lower left, the cadet shows where the body was found. Center picture shows the ledge from which Arden fell.

Upper right, Jack Estes, Silverton rancher, points to where he found the body of Kelton Conner, Jr. Lower right, Estes and C. A. Tipton, another rancher, are pictured beside the small dugout where Keplinger's body was.

The wind began howling down the canyon and tiny flakes of snow filtered through the inky blackness. As they struggled southward the canyon floor became more than simply rough terrain split by a sluggish stream; it became a nightmare of mesquite, jagged outcroppings and treacherous washouts.

After an hour or so the three decided to hole up somewhere along the rim of the canyon but as the night wore on the cold became so intense that they thought it would be best to move on.

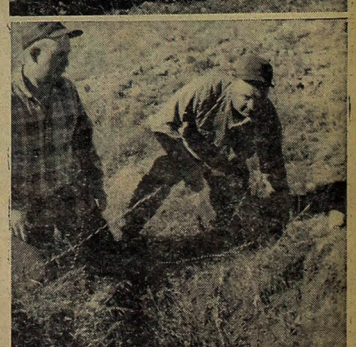
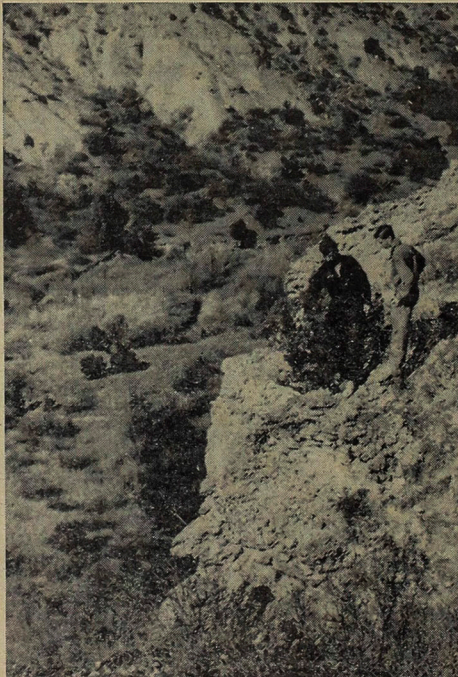
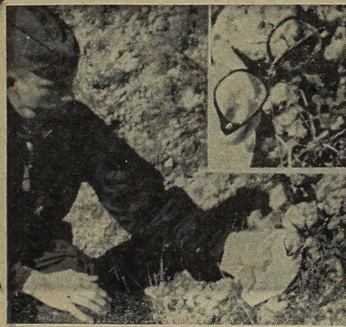
The struggle through the canyon floor became disheartening; they decided to climb to the rim. Once on the rim, Arden made his fatal step and fell 25 feet to a rocky ledge.

Keplinger and Conner, not knowing what happened to Arden stumbled onward some 300 yards before Conner gave up to lie down in the shelter of a tree some 15 yards from the rim.

The last to survive, Keplinger, walked south until he met the canyon again. In the canyon once more he wandered aimlessly until he found the trail (marked on the map) which led him to the top.

Keplinger, near complete exhaustion, crawled in a northeasterly direction. It was near dawn and bitterly cold at this time.

Meeting the offshoot canyon, Keplinger became discouraged and could go no further. He then collapsed into the foxhole-like depression where he found a small but short-lived comfort.



INSTRUCTS SEMINAR

# Visitor Admires Tech

by **KATY HUNTER**  
Toreador Staff Writer

Until recently, he had never been on the Tech campus, but the name and influence of Dr. Jay B. Hubbell has been known and respected around Tech for many years. He is professor emeritus of American literature at Duke University.

Dr. Hubbell is a visiting professor at Tech during the spring semester. He is conducting a graduate seminar and a senior course in American literature and a sophomore section on masterpieces of literature.

Although a native of Virginia, Dr. Hubbell has always been fond of Texas. He had driven through

the Panhandle several times but had never been through Lubbock. As he very aptly phrased his Texas ties, he "taught at SMU and married a Texas girl."

Dr. Hubbell is impressed by "how quick it (Texas Tech) has developed." He said that the architecture of Tech is very different from that of Duke but that it is "very suitable for this climate."

Dr. Hubbell, himself, is an extraordinary man. At present, he holds honorary doctorates from SMU and Richmond. He has held visiting professorships at Clemson College, Columbia in the summer of 1949 and the University of Vienna in the summer of 1950.

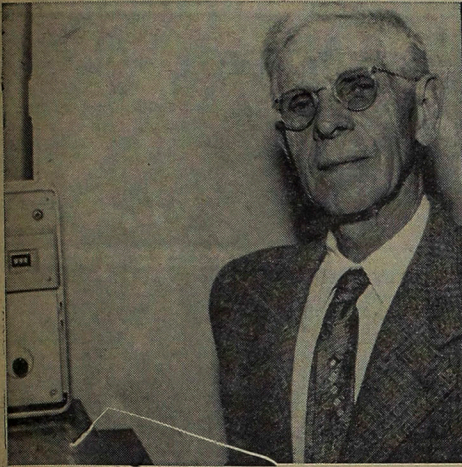
In 1953 he was a Fulbright Professor at the University of Athens in Greece.

Despite all these time-consuming activities this quiet, scholarly man has found time to produce three works and co-author two books with John O. Beatty.

Hubbell's own works include *The Enjoyment of Literature*, *The South in American Literature — 1607-1900*, and *American Life in Literature*, a two-volume work.

Hubbell commented that the "students here are very attentive and interested" while Mrs. Louise Allen, a former student of his and Tech journalism instructor, described him as a "very gentle and sympathetic teacher who knew a lot about American literature and had a genuine enthusiasm for it."

Dr. Hubbell earned his bachelor of arts degree at the University of Richmond, in Virginia in 1905 and his master's degree at Harvard in 1908. He was awarded his Ph.D. degree in English at Columbia University in 1922.



Dr. Jay B. Hubbell, professor emeritus of Duke University . . . conducts a graduate seminar in American literature

## Bulletin Is Joint Effort

"Texas Tech Reports on Agriculture Industry" is a new publication made possible by joint efforts of the agriculture and public information departments.

**THE PURPOSE** of this bulletin is to familiarize others with the training and research carried on at Tech.

This journal will be sent to producers, suppliers, processors and distributors. Also, each agriculture student's family will receive a copy.

**DR. GERALD W. THOMAS** has seen the need for this type of publication since 1958 when he took over as Dean of Agriculture.

This is the third of this type of journal to be published on the Tech campus. It is financed by private funds and may be obtained by contacting the public information department, Texas Tech.

## Cattle Judgers Place Second

The Texas Tech Dairy Cattle Judging Team placed second in a contest at the Southwestern Exposition & Livestock Show, recently in Fort Worth.

Eight teams entered the competition with Mississippi taking first. The high man in the contest was Bill Turner; Richard Franks was sixth high individual. Both Turner and Franks are from Tech. Other men on the Tech team were Leatherwood, Jackson, and Kent.

The Tech team, coached by Koy L. Neeley, scored 1,768 out of a possible 2,100 points, putting them behind first place Mississippi by nine points.

The Mississippi Team was coached by a former Tech student, who was on Mr. Neeley's judging team in 1953. "I feel as if I won both first and second," was Mr. Neeley's remark.

## Lot Closes Today

The parking lot east of the greenhouse will be closed today, announced Bill Daniels, Chief of the Traffic Control.

There will be a testing crew from Houston drilling to check the foundation for the new library building.

## IBM WILL INTERVIEW FEB. 15

IBM invites candidates for Bachelor's or Master's Degrees to discuss opportunities in Applied Science, Marketing and Product Development . . . positions throughout the United States.

Laboratories and manufacturing facilities are located in Endicott, Kingston, Owego, Poughkeepsie, Yorktown, N. Y.; Burlington, Vt.; San Jose, Calif.; Lexington, Ky.; and Rochester, Minn. Corporate headquarters is located in New York, with 192 branch offices in cities throughout the United States. The IBM representative will be glad to discuss with you the type of career of particular interest to you. IBM offers:

- Leadership in the development of information-handling systems.
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Contact your College Placement Officer to arrange an appointment for a personal interview with the IBM representative.

If you cannot attend the interview, call or write:

Mr. C. B. Hanson, Jr., Branch Manager  
IBM Corporation, Dept. 868  
1412 Texas Avenue  
Lubbock, Texas  
PO 3-1981



FAMOUS PHYSICIST

# AEC Man Speaks

Dr. Lawrence Cranberg, member of the Nuclear Cross-Section Advisory Group for the Atomic Energy Commission, will lecture at Tech Feb. 18 and 19.

**DR. CRANBERG** is well known professionally for his work in nuclear physics, particularly neutron spectroscopy and high voltage breakdown in a vacuum. He is sponsored by the American Institute of Physics and the American Association of Physics Teachers as part of a broad nationwide program to stimulate interest in physics. The program is now in its third year and is supported by the National Science Foundation. As technical advisor to the U.S. delegation at the Conference on

Peaceful Uses of Atomic Energy, Dr. Cranberg traveled to Geneva, Switzerland, in 1955.

**DR. HENRY THOMAS**, Tech physics department head, said Dr. Cranberg will meet with a graduate seminar at 5 p.m., Feb. 18, in the Science Building.

The visiting physicist and author of articles in several scientific magazines will address a joint meeting of Sigma Pi Sigma, physics society, and the American Institute of Physics Club at 7:30 p.m. on the same day in the Science Building.

**DR. CRANBERG** will also meet with students, faculty and Tech officials. Meetings with the faculty will include discussions of the research problems. Students and graduate physicists on the South

Plains are invited to attend any of the meetings.

A B.S. degree from City College of New York, an M.A. from Harvard, and a Ph.D. from the University of Pennsylvania are all held by Dr. Cranberg.

## Publication Jobs Remain Untaken

Positions are still open for students wanting to work on next year's "La Ventana" or "Toreador," according to Phil Orman, publications director.

Letters stating qualifications and experience for this type of work should be submitted to Orman in Journalism 101 before March 1.

# Search Continues For Missing Coed

Still without any concrete leads, the search for Anita Cantrell stretched into its sixth day Tuesday after a talk Monday with the bus driver who might have taken her to California yielded nothing.

**THE DRIVER** was questioned Monday morning by Lubbock Police. He was shown a picture of the missing girl but neither he nor the baggage department remembered seeing her.

Miss Cantrell, a 22-year-old accounting student from Grand Prairie, has not been seen since 1 p.m. Wednesday when she walked out of Doak Hall presumably to late register for the spring term.

**THE MISSING** girl's mother, Mrs. J. C. Cantrell, and three other relatives came to Lubbock Saturday. They talked to school officials, the girl's friends and Lubbock Police before returning to Grand Prairie Saturday after-

noon with Miss Cantrell's personal belongings.

Florence Phillips, dean of women, said Monday that Caroline Bosworth, Doak Hall counselor, contacted small group meetings Sunday night in an effort to shed more light on the matter. The meetings yielded nothing new.

**CAB COMPANIES** have been checked by Lubbock Police but none of the drivers remember picking up Miss Cantrell.

Bill Daniels, chief of the security patrol, said Monday that he and his men had checked Doak Hall thoroughly Monday with no results. He added that the security patrol planned to begin a campus-wide search Tuesday morning, including the steam-tunnels which honeycomb the campus underground.

**MISS CANTRELL** was carrying a personal check of \$300, rather than in traveler's checks, according to her mother. Miss Cantrell's bank is watching to see if the check clears.

A thorough check has convinced college authorities that Miss Cantrell's disappearance did not have any connection with the disappearance and the subsequent discovery of the three Tech students found dead at Silverton Sunday.

The most consistent theory remains that Miss Cantrell went to California. The FBI was called into the case Friday under the supposition that she may have been kidnapped and taken across state lines.

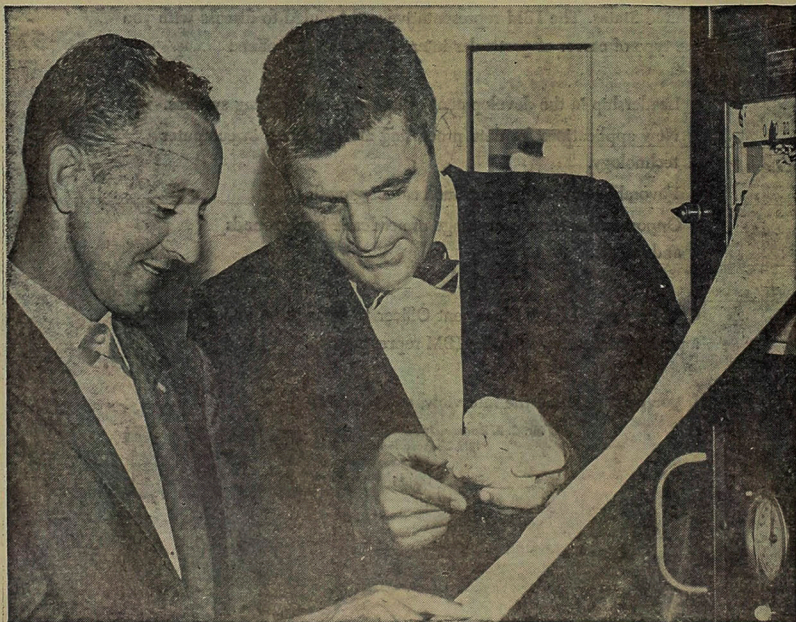
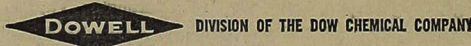
# REWARDING

Your future at Dowell can be rewarding in so many ways. Because the earth still holds mystery in the production of oil—the ideas of every Dowell man must be considered. Dowell offers you the opportunity to set the limits of your assignment. Your skills and your desire to progress are given an open road. And, Dowell is eager to recognize and reward your growth.

Dowell's industry leadership is based on the *best* in well stimulation services, and also, the *best* in chemical cleaning services for all industry. Providing the *best* requires top-flight personnel. Dowell seeks these people constantly, and the range of talents needed is wide. *Petroleum engineers, mechanical engineers, chemists, accountants, management personnel and sales representatives*, all are needed by Dowell to provide its services to industry.

Industry is aggressive, and so is Dowell. As industry reaches out to new frontiers, Dowell must constantly expand its operations. Today, Dowell operates throughout the United States, also Canada and South America, soon Europe. As a Dowell man, your open road may lead in many directions.

The challenge Dowell offers you can be most rewarding. For full information, write Employment Manager, Dowell, Box 536, Tulsa 1, Oklahoma. Or contact your school Placement Officer.



# Tech Prints Prof's Book

Dr. Alan Strout, Tech English professor, has recently had his book, "A Bibliography of Articles in Blackwood's Magazine, 1817-1825," published by the Texas Tech Press.

His bibliography of the first 18 volumes of "Blackwood's" contains 2025 articles, an index of authors, and the authors' contributions.

"This book is a remarkable achievement of scholarly industry and detection," remarked Dr. Truman W. Camp, Tech English department head.

Dr. Strout used the vast collection of Blackwood papers in the National Library for his research. His work will be extremely useful to students of this period of lively periodical strife.

# Meat Markers Mark in Meet

Last week the Texas Tech Meat Judging Team placed eleventh in a contest at the Southwestern Exposition & Livestock Show in Fort Worth.

Members of the team coached by Coleman A. O'Brien, were David McKinney, Richard Miller, Jerry Carson, Donald Curry and William Fewin.

McKinney was high man on the team, with Miller being fifth high in lamb grading. The team placed fifth in beef grading.

Out of a possible 3000 points the Tech Team scored 2,436.

# Seminar Offered

A non-credit seminar for persons interested in math is now available for Tech students.

This course dealing with differential equations is to be held on Tuesdays and Fridays from 2:30 to 4 p.m. in Ad 217.

The instructor will be Dr. Ping-Chang Yau, faculty associate Fulbright Fellow in Math, from China.

# Upsets, High Scores Top 'Mural Action

by CHARLES RICHARDS  
Toreador Sports Writer

Intramural basketball found some of its leagues undergoing quite a shake-up over the past week, while in other leagues the leaders retained their positions.

Most noticeable changes were seen in the Dormitory "A" League. Bladsoe Hall, the bottom team, knocked off the first place team, Dorm 7, in a thriller, 52-50. Hayworth with 17 points, and Shores with 13 led the attack for the victors while Richards and Dyess led Dorm 7 with 24 and 11 points, respectively.

**IN OTHER LEAGUE** action Sneed Hall defeated Dorm 8, 54-43. Flanagan with 15 points and Nash with 14 paced Sneed to their win. For Dorm 8, Marcom and Simpson each had 10 points.

Gordon won over Dorm 5 by default. Following Wednesday night's game, Gordon and Sneed Halls share the lead with 2-1 records.

**HIGH SCORING** marked the Independent League No. 1, The Chinese Bandits, leading the league with a 3-0 mark, racked up 120 points in defeating BSU "B". BSU made 60 points.

Moxum led the Bandits with 30 points, while Lovelace had 28. For BSU "B", Neill had 25. Delta Sigma Pi gained a 38-37 victory

over BSU "A". Jerold Lyons had 14 points for the winners and Nolan Clark had 11 for the BSU five.

**THE WORTHLESS** Wonders, trailing the Chinese Bandits with a 2-0 record, continued their winning ways by running past the Dwarfs, 65-22. Damron and Jones contributed 20 points each for the Wonders, and Blair led the Dwarfs with 7.

Another high-scoring contest saw the Rink-y-Dinks top the Air Force ROTC, 100-69. Rucker with 19 paced the Rink-y-Dinks, and Dittich and Van Horn shared ROTC honors with 16.

**IN THE Fraternity League** Phi Kappa Alpha and Phi Gamma Delta both won their week's games to share the lead with 4-0 records. Phi Gamma Delta, in their 44-30 win over Sigma Alpha Epsilon, knocked off one of the leaders. The loser previously had shared the lead. Kappa Sigma stayed a close second with their 58-29 victory over Sigma Chi while Phi Kappa Alpha won over Sigma Nu, 41-28.

The Dormitory "B" League had two contests last night. The two leaders, Dorm 8 and Dorm 5, each with 1-0 marks, met in a crucial game. Dorm 7 (0-1) played Sneed (0-0) also.

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**JOB ANALYST** in Personnel Department with Texas Employers Insurance Association, Dallas Texas. Age 23 to 27 years of age. Salary \$390 to \$506 per month. Contact Tech Placement Office.

**FIELD REPRESENTATIVE** with General Motors Acceptance Corporation, Lubbock, Texas, degree in B.A.; salary based on qualifications, car and expenses provided. Would consider an alumnae or January graduate. Contact Tech Placement Office for particulars.

# RALPH'S RAMBLINGS

by  
Ralph W.  
Carpenter

Spring training at Texas Tech begins Thursday. Coach DeWitt Weaver and his staff will have eighteen working days in which to get the Raider footballers prepared for their entrance into the tough Southwest Conference. Two new coaches have been added to the staff and both should be able to help the Big Red cause.

Football fans across the South Plains and over the state, will be watching the Raider team as never before. They are all wondering if the Tech crew can make their debut in the conference a good one. It would appear that the Raiders have some good material coming back to the fold.

It should be interesting to watch the squad develop with practice. The road ahead is rocky - the Southwest Conference separates the men from the boys.

-RWC-

Baseball drills are not too far away; the Tech baseballers begin drills on Feb. 13. Coach Feathers has a good schedule planned for his team this spring. In the past, baseball at Tech has received poor support from the student body - let's hope it's a different story this spring.

-RWC-

John Petty, who has toiled with us for quite a while now, has gained a promotion. John moves up this week to the position of Associate Sports Editor, replacing Vernon Stewart who has entered the publishing field at Anton.

-RWC-

The Texas Aggies really took the Raiders apart Saturday night. This corner expected them to lose, but not quite so bad. Well, after that fine effort against TCU and Arkansas, the boys might have let down a little. Raider teams seem to have a hard time winning on the road - they are tough as nails at home, as we all know.

As expected, this is a rebuilding year for the Tech crew. Not many teams have the distinction of losing two boys over 6 ft. in the same year. If the Raiders had Harold Hudgens or Pat Noakes to throw in when the going got rough, we would probably have a better record now. But, as we all know, you must take the breaks as they come.

## Tech Drowns NMU 54-40

The Texas Tech varsity swimming team outswam New Mexico University 54-40 Saturday while the Picadors were dunked by New Mexico Military Institute, 28-61.

**JIM TOM DAVIS**, outstanding Tech sprinter, was top point-getter for the varsity swimmers, padding to victories in the 50-yard and 100-yard freestyle contests, and anchoring the victorious 400-yard relay team.

Top man in the freshman contests was John Mechem, NMMI, who won the 200-yard breaststroke and the 200-yard individual medley events. He also competed on the 400-yard medley relay team.

**GLEN SHOUP**, Tech freshman, captured second place honors in the 200-yard and 400-yard freestyle events, and helped the frosh to a second place in the 400-yard medley relay event. Lyle Parker, NMU, barely edged Ken Hall and another Raider diver, Richard Vauter, 241.2-229.5-200.7, respectively.

Other Tech firsts came in the 200-yard breaststroke competition.

The next varsity meet is February 12 at Austin against Texas University.

## Boston Picks Saban To Lead AFL Entry

BOSTON (AP) - The Boston entry in the American Football League Monday picked Lou Saban of Western Illinois as head coach.

Saban, 38, who captained the Cleveland Browns in the short-lived All America Conference in 1946-47-48, had been head coach at Western Illinois for three years. His team had a 9-0 record at the Macomb, Ill., university last season.

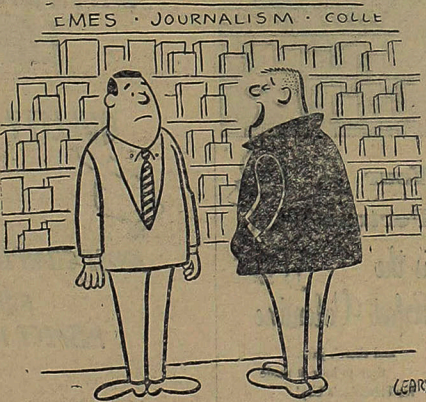
William H. Sullivan Jr., president of the Boston AFL club, said Saban has been given a three-year contract at "very satisfactory" terms.

# Basketball Broadcasts

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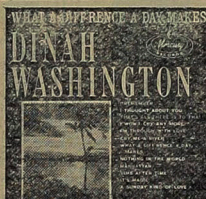
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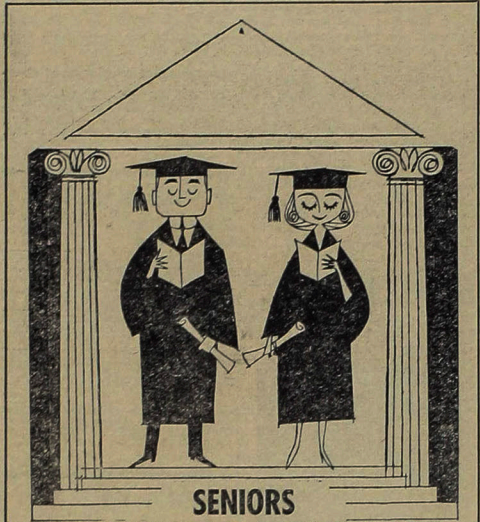
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# Pics Test WTS Frosh In Canyon Thursday

Texas Tech's freshman basketballers will carry a 77.7 point per game average into their contest with the West Texas State Calves in Canyon Thursday night.

**THE PICADORS**, 4-3 for the season, are paced by three scorers in double figures. Leading the list is a 6-5 Roswell, N.M., product, Tom Clark, with a 23.0 per game average. Former Pampa star Bobby Gindorf, 6-4, is second with a 17.9 clip through seven games. Another New Mexico cager, 6-5 Tom Patty of Carlsbad, has pitched in 14.0 points per game to rank third.

**ROUNDING OUT** the top five are Milton Mickey of Lockney with a 8.0 average and Gilbert Varnell of Sewanee, Tenn., who has hit 5.6 per contest. Both boys stand 6-5.



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## FORMER TULSA AIDE

# Coach Likes Tech

by **DANNY McCARTY**  
Toreador Sports Writer

"I am happy to be a member of the Texas Tech coaching staff," new assistant line coach, Jess Thompson stated Monday.

**THIS POSITION** fulfills the new coach's life-long dreams. "Ever since I have been coaching, it has been my desire to work with a well-equipped team such as the Red Raiders," he says.

Although Coach Thompson played his football in Oklahoma, he is a native of Sunset, Texas. Texas lost his talents early when, at the age of five, he moved with his family to Temple, Okla.

**WHILE ATTENDING** high school at Temple he was an outstanding center with the football team and upon his graduation he accepted a football scholarship from Central State College in Lawton, Okla.

During Coach Thompson's career at Central State he became known as one of the finest linemen in the school's history. Also during his tenure at the college he made the all-Oklahoma team as center.

**AFTER COMPLETING** college, Coach Thompson was drafted for professional football service with the Green Bay Packers. He reported for practice sessions in the fall of 1927 but a shoulder injury forced his withdrawal from the club before the season got underway.

**IN 1946**, his military service at an end, Coach Thompson returned to his chosen profession as a coach at Cameron College.

At the close of that season he accepted the job as head coach but was interrupted by a tour in military service with the navy.

**DURING THE** next four years he served as a lieutenant commander in the Pacific theater.

"While I was in the Pacific my unit participated in many of the major landings of the war," he successful seasons, 1938-41, but His career of playing football at

an end, he accepted the position of head coach of the Seminole High School football team in Seminole, Okla.

**AFTER SERVING** in this position for only one season, Thompson was named assistant coach at Cameron Junior College. This job he held for one year moving to Jet High School in 1936 as head coach.

He held this post until 1938 when he returned to Cameron College, accepting the duties as head coach of that school. Thompson's stay at Cameron boosts four at this point his coaching career at Cameron College.

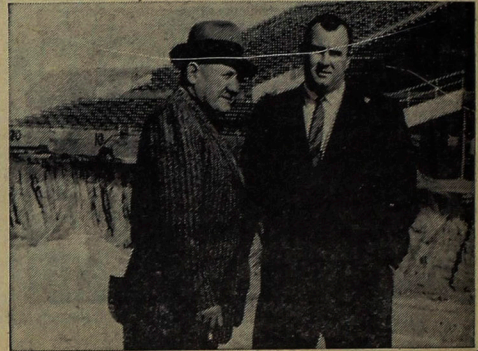
**"DURING THE** war this school was forced to abandon football," he recalls, "And it was my job to build a new team. Although we got a team together that year and had a 3-7 record, the college officials decided to again discontinue football at the school."

Upon his release from Centenary in 1947, Thompson accepted a job as assistant coach at Mississippi Southern where he stayed until 1949.

**AT THIS POINT** Thompson decided to quit coaching and enter private business. He returned to Lawton where he bought an insurance agency but before football season the Cameron College coach resigned and he was again named that school's head coach.

He remained on the college staff until 1954 when he resigned to accept the position of first assistant coach at the University of Tulsa under head coach Bobby Dobbs. This position he maintained until last week when he resigned to accept the present job as assistant coach at Tech.

The addition of Thompson and Jim Farmer brings the Tech coaching staff to full strength for the coming season.



COACHES JESS THOMPSON AND RED PHILLIPS  
... spring training is on the way

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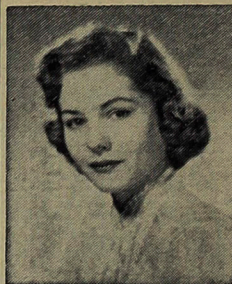
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