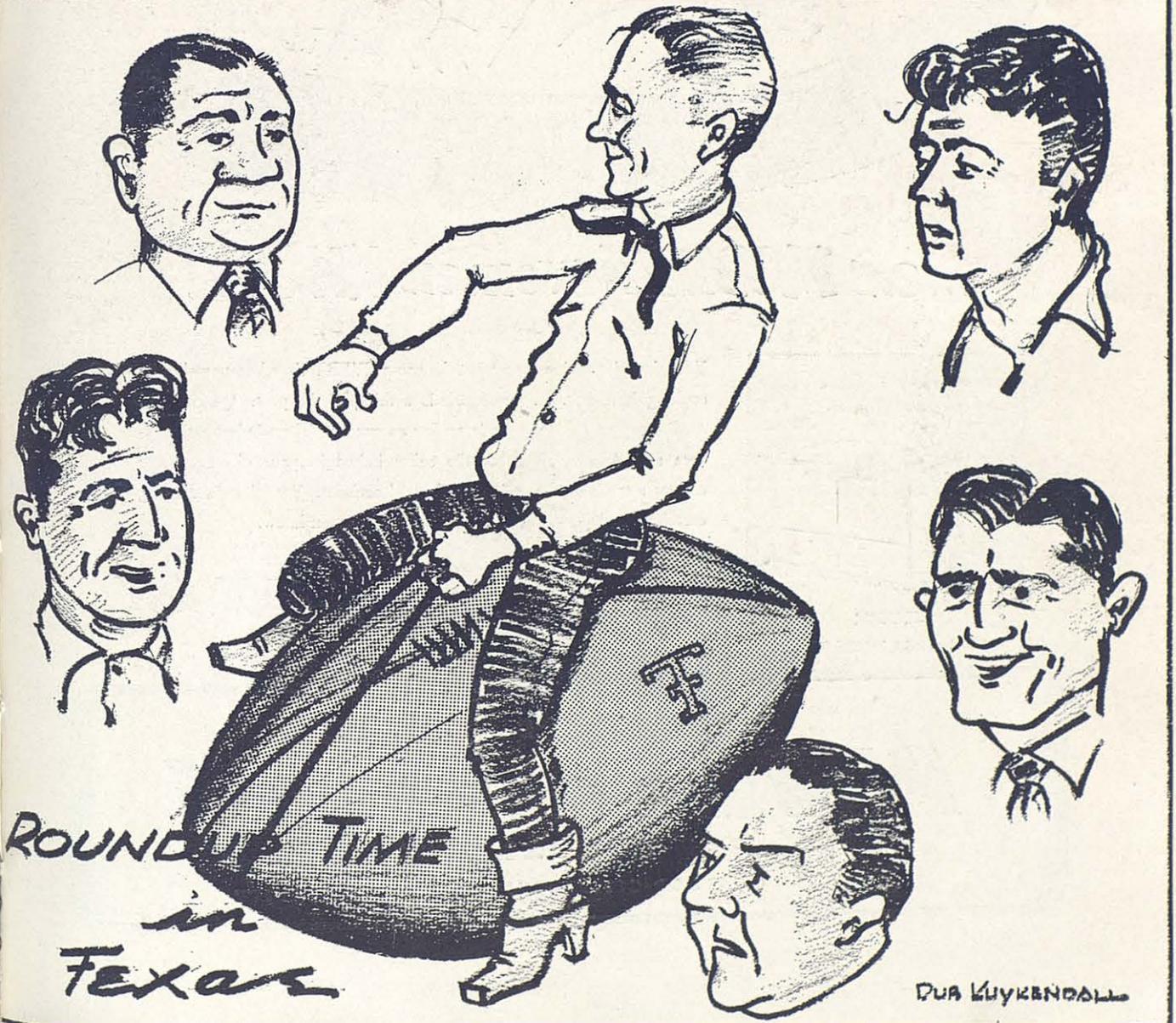


The

SEPTEMBER
1951

Texas TECHSAN

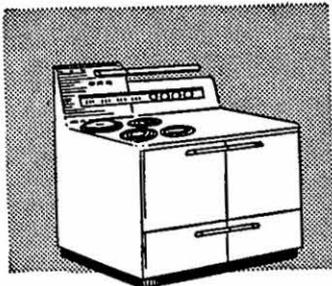
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SPORTS ROUNDUP

Tech's '51 Grid Outlook

By **BILL HOLMES**

Director of Tech Sports Publicity

Tech's Red Raiders may be in a building stage, but there's nothing halfway about their 1951 schedule. It's tailor-made for thrills for the fans and headaches for Coach DeWitt Weaver and crew.

Three Southwest Conference teams head the card, but there's nothing soft about the remainder of the schedule. Four Border Conference schools, two Missouri Valley teams, and a Mountain States Conference team round it out.

An attractive home schedule of four games is in store. In Jones Stadium, the Red Raiders open with West Texas State, 8 p.m., Sept. 22; meet Texas Christian University, 8 p.m., Oct. 13; play their Homecoming contest against Arizona, 2:30 p.m., Oct. 27; and conclude with their traditional rival, Hardin-Simmons, 2 p.m., Dec. 1.

On the road will be met Texas A&M in Dallas, 8 p.m., Sept. 29; Houston in Houston, 8 p.m., Oct. 6; Baylor in Waco, 2 p.m., Oct. 20; Texas Western in El Paso, 8 p.m., Nov. 3; Tulsa in Tulsa, 2 p.m., Nov. 17; and New Mexico in Albuquerque, 2 p.m., Nov. 24.

Tackle Jerrell Price of Brownfield, all-Border Conference last year, captains the squad built around 17 returning lettermen. Although they will not see much service in early games, a flock of promising freshmen figure heavily in Weaver's plans for the season.

Among the prize catches in Tech's haul of 1951 high school graduates are Mac Taylor, Lubbock halfback who turned down 31 other colleges to attend Tech; and Rick Spinks of Kermit, a halfback and only unanimous Class A all-stater.

Other participants in the coaching school all-star game at San Antonio headed for Tech are Jo White, guard from Odessa, Don Kaye Brown, center and end from Kermit, and possibly Dwight Trice, linebacker from San Angelo.

Here's what is in store for the Red Raiders this fall:

West Texas State Lubbock, Sept. 22

Champions of the Sun Bowl and the Border Conference, the Buffaloes are a stiff test for any team to open up with, let alone one under new management. It's no secret, either, that Tech is

generally voted "the team we'd most enjoy beating" by West Texas, located just 100 miles north of Lubbock.

Little Bill Cross and big Charlie Wright have graduated, but among Frank Kimbrough's 26 returning lettermen are Tom Airhart, 195-pound tailback, and Bob Kelley, all-conference center.

Since the series began in 1925, Tech has won 11, West Texas 4. Last year's score was 28-13, West Texas.

Texas A&M Dallas, Sept. 29

Paced by fullback Bob Smith, a probable All-America, the Aggies will fire at the Red Raiders one of the deadliest running attacks in the Southwest Conference.

A&M, boasting 26 returning lettermen, will average about 204 pounds in the line, 175 in the backfield. Ray George will already have one game under his belt as head coach of the Aggies, a contest with UCLA in Los Angeles, Sept. 21.

A&M holds a 9-2 edge in the series started in 1927. A&M won 34 to 13 in San Antonio last year.

University of Houston Houston, Oct. 6

Young, big, and growing, the University of Houston is fast becoming a toughie for anybody. Twenty seven lettermen give Houston "undoubtedly the greatest football team in its history," to quote Cougar officials.

Gene Shannon, little All-America honorable mention for two years, paces a senior-manned offense. Bobby Rogers, 200-pounder from San Angelo College, runs well from his quarterback slot.

This is the first meeting.

Texas Christian University Lubbock, Oct. 13

Involving two West Texas schools, a natural rivalry exists here. Total offense leader of the Southwest Conference last season, Gilbert Bartosh is a Horned Frog the Red Raiders must beware. Don Wilde, senior two-year letterman, is among those backing him up. TCU has a veteran offensive line, a less experienced defensive forward ball, bulwarked by 243-pound Doug Conaway, a tackle.

Tech and TCU began tangling in 1926, with the Horned Frogs now holding a 7-4 margin. Last year it was TCU by 19-6.

Baylor University Waco, Oct. 20

For the second straight week, the Red Raiders face a stand-out

quarterback, Larry Isbell, All-America candidate. The Southwest Conference's leading touchdown passer (15 pay-off pitches) will have ends Harold Riley and Stan Williams as receivers.

Sixteen lettermen return from the team that lost only two Southwest Conference games last season—one of those to champion Texas by a touchdown—an excellent debut by George Sauer.

Baylor has a 7-4 edge in the series inaugurated in 1929. The Bears won 26 to 12 last season; a game that nearly went the other way.

University of Arizona Lubbock, Oct. 27 (Homecoming)

Arizona's point-minute freshman gridgers of 1949 are juniors now. Backing them up are members of last year's unbeaten frosh team. All in all, the Wildcats are in good shape to return the unwanted favor the Red Raiders bestowed upon them last year—of spoiling their Homecoming. Tech cannot rely on any Homecoming jinx to stave off the Wildcats—the Red Raiders' worst defeat last year was at Homecoming.

Leading linemen on the 23-lettermen squad are a pair of guards, Jim Donarski, All-Border Conference second team, and Bob Mattock, All America honorable mention.

Since they started playing in 1932, Arizona has managed a victory and a tie in the 12 contests. Last year Raider victory was 39-7.

Texas Western El Paso, Nov. 3

Two incentives spur on the Miners. It's their Homecoming, and the game is also an opportunity to wipe out the sting of last season's worst defeat.

Squadmen and freshmen bear the brunt for Western, since only 12 lettermen return. Among the dozen, however, is probably the best end combination in the conference—J. D. Partridge, all-conference, and John Connell.

In running the series—begun in 1930—to 6-3 for Tech, the Red Raiders walloped Western 61 to 7 last season.

Tulsa University Tulsa, Nov. 17

Human interest abounds. Tulsa Coach Buddy Brothers is an ex-Techsan. Tech Coach DeWitt Weaver coached Brothers' Tulsa line last year, and Tech's Jack

Mitchell handled the backfield. Mitchell and colleagues Wade Walker and Bobby Goad played on the same Oklahoma University eleven as Tulsa assistant Darrell Royal.

But the game hardly needs additional color, at least as far as Hurricane fans are concerned. Tulsa has 25 lettermen returning from last year's Missouri Valley championship squad that annexed the nation's total offense honors.

Tech's 1951 Homecoming was spoiled to the tune of 39-7 last season. It increased Tulsa's margin in the series started in the 1942 Sun Bowl to 6-3.

University of New Mexico Albuquerque, Nov. 24

New Mexico, in its first year as a Mountain State member, long will be remembered as the school whose upset spoiled Tech's otherwise undefeated 1940 season. An NMU victory this fall would not be an upset; nor would it be like-

ly to spoil a perfect season. Athletic director of the Lobos is an old friend, Burl Huffman. He'll coach the basketball team this season.

Tech and NMU have tangled 15 times since 1931, with Tech winning 13. One was a tie. Last year Tech clicked in all departments as the Raiders took their final win, 37-12.

Hardin-Simmons University Lubbock, Dec. 1

Predicting what Hardin-Simmons will send against Tech is practically an impossibility. One thing for certain: it will be something special and spectacular. The Tech-HSU rivalry is as closely contested as they come. And Coach Warren Woodson's wide-open offenses are legend.

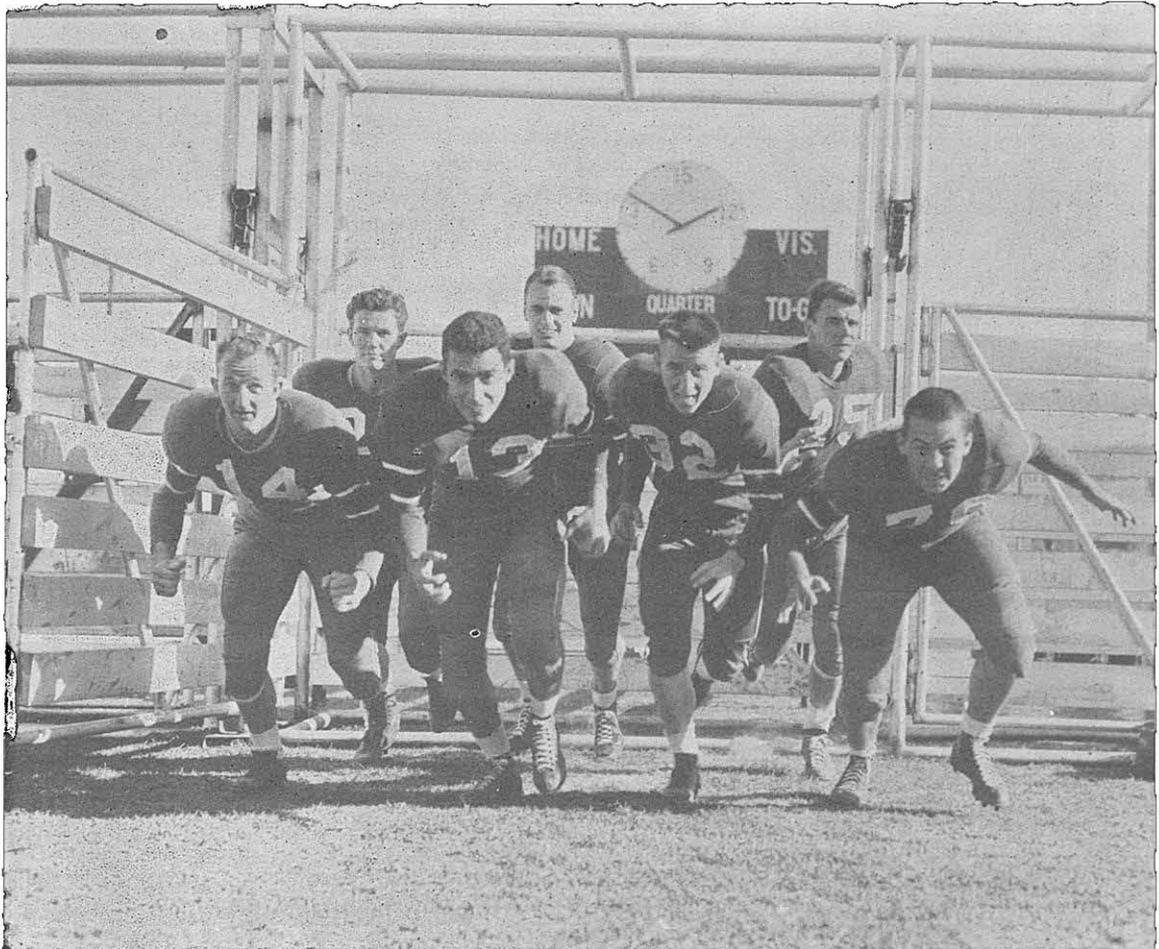
Bob Hart and Mitchel Malouf should pace the Cowboy attack, with 220-pound Clinton Holder likely to play a lot of tackle. Eighteen lettermen return.

Tech Ex Threat To Erie Golfers

Golfers in Erie, Pennsylvania, are threatened with a strong contender for the city title from a transplanted Texan and ex-Techsan, '50 graduate Dick Rozar.

Rozar is a 28-year-old engineer in the control division of the General Electric company in Erie. He's been at the game of golf since he was 11 and from 1947 through '50 was a star performer on the Tech varsity squad.

He has managed to "stay under 80" with consistency this season. His average game is about 77—five over par for the Long Lawrence Park layout where he plays. His best round was a hot 74.



COMING OUT OF THE CHUTE—Charging into their 1951 football schedule are these Red Raiders: front row, left to right, Junior Arterburn of Ranger, Bobby Cavazos of Kingsville, Don Douglas of Corpus Christi, Joe Taylor of McAllen, and back row, Don Raybourn of San Antonio, Sandy Welton of Fairmont, West Virginia, and Frank Graves of McKinney.

APO'S

Lead

Drive

An eight months report on the progress of the 1951 Loyalty Fund shows that by August 1, 1,084 ex-students had contributed a total of \$7,700. These figures show this year's fund to be lagging behind the 1950 fund, since by July 1, 1950, 1,278 exes had already contributed \$7,000.

The total number of contributors represents 11.3% of all exes on the Association mailing lists. This number also falls below the 1950 level, when on July 1, 13.6% of all exes had made their contributions.

Exes receiving their mail through APO or FPO numbers lead the field in contributing, with 27.5% of the total APO and FPO numbers lending financial support to the Loyalty Fund.

District 36, made up of the states of Tennessee, North Carolina, South Carolina, Georgia, Mississippi, Alabama and Florida, is second in percentages, with 19.5%. District 34, comprised of Oklahoma, Arkansas and Louisiana, is third with 19%. In the Texas districts, District 18 is ahead with 18.6%. This district contains El Paso, Hudspeth and Culberson counties.

At the end of last year, the Loyalty Fund had received \$16,013.57 from 2,332 contributors. The average gift was \$8.33. So far this year, the average gift has been \$7.10.

'48 E.E. graduate ROY TALMADGE MOORE is employed by the Stanolind Oil and Gas company in Big Spring.

RICHARD DON MONTGOMERY, '49 ag graduate, is employed in the producing department of the Stanolind Oil and Gas company in Sundown.

RUBY LOUISE ROBERTS, '50 business graduate, is employed in the producing department of the Stanolind Oil and Gas company's Andrew office.

It is best to rise from life as from a banquet, neither thirsty nor drunken.—Aristotle

Loyalty Fund Report

The chart below shows the progress of the 1951 Loyalty Fund according to Ex-Student Association districts. The counties or states which comprise each district, number of contributors in the district and the per cent of the total district represented by these contributors are listed.

	Number Contributing	Percentage Contributing
1—Dallam, Sherman, Hartley, Moore, Oldham, Potter counties	32	10.5
2—Hansford, Ochiltree, Lipscomb, Hutchinson, Roberts, Hemphill, Carson, Gray, Wheeler counties	46	14
3—Deaf Smith, Randall, Parmer, Castro, Bailey, Lamb counties	23	6.6
4—Armstrong, Donley, Collingsworth, Briscoe, Hall, Childress, Floyd, Motley, Settle counties	27	7.8
5—Swisher, Hale counties	26	9.7
6—Cochran, Hockley, Yoakum, Terry counties	34	8
7—Lubbock county	245	9
8—Crosby, Dickens, King, Lynn, Garza, Kent, Stonewall counties	34	9
9—Hardeman, Foard, Knox, Haskell, Wilbarger, Baylor, Throckmorton, Wichita, Archer, Young counties	35	10
10—Clay, Jack, Montague, Wise, Cooke, Denton, Grayson, Collin counties	13	9.9
11—Fannin, Hunt, Lamar, Delta, Hopkins, Red River, Franklin, Titus, Camp, Morris, Bowie, Cass counties	2	2
12—Gaines, Andrews, Dawson, Martin, Borden, Howard counties	29	8.8
13—Scurry, Fisher, Mitchell, Nolan counties	28	12.5
14—Jones, Taylor, Schackelford, Callahan, Stephens, Eastland counties	25	9
15—Palo Pinto, Parker, Tarrant counties	32	10.7
16—Dallas, Kaufman, Rockwall counties	51	12.8
17—Van Zandt, Rains, Wood, Upshur, Marion, Harrison, Henderson, Smith, Gregg, Rusk, Panola, Anderson, Cherokee, Nacogdoches, Shelby, Houston, Trinity, Angelina, San Augustine, Sabine counties	11	9.7
18—El Paso, Hudspeth, Culberson counties	14	18.6
19—Reeves, Pecos, Terrell, Jeff Davis, Presidio, Brewster counties	6	11.5
20—Loving, Winkler, Ector, Ward, Crane counties	19	10
21—Midland, Glasscock, Upton, Reagan counties	37	15.6
22—Sterling, Coke, Runnels, Coleman, Brown, Irion, Tom Greene, Concho, McCullough, San Saba, Crockett, Schleicher, Menard, Sutton counties	22	9.8

23—Erath, Hood, Johnson, Ellis, Comanche, Hamilton, Bosque, Hill, Navarro, Freestone, Limestone, McLennan, Coryell, Mills, Lampasas, Bell, Falls, Milam, Robertson, Leon counties	28	12.5
24—Mason, Llano, Kimbel, Gillespie, Blanco, Val Verde, Real, Kerr, Kendall, Comal, Bandera, Kinney, Uvalde, Medina, Bexar, Guadalupe, Gonzales, Lavaca, Wilson, Karnes, DeWitt, Maverick, Zavalla, Frio, Atascosa counties	21	14
25—Burnett, Williamson, Travis, Mays, Caldwell, Bastrop, Lee, Burleson, Brazos, Washington, Fayette counties	9	7.8
26—Madison, Grimes, Waller, Austin, Colorado, Wharton, Matagordo, Fort Bend, Brazoria, Harris, Montgomery, Walker, San Jacinto, Liberty, Chambers, Galveston counties	31	9
27—Polk, Tyler, Jasper, Newton, Hardin, Jefferson, Orange counties	8	16.6
28—Dimmitt, LaSalle, McMullen, Live Oak, Webb, Duval, Jim Wells, Kleberg, Nueces, San Patricio, Bee, Goliad, Refugio, Victoria, Calhoun, Jackson counties	8	7.6
29—Zapata, Jim Hogg, Brooks, Kenedy, Starr, Hidalgo, Willacy, Cameron counties	8	13
30—States of Washington, Oregon, Idaho, Nevada, Utah, Arizona, California	31	12.9
31—Southern New Mexico	12	6
32—Northern New Mexico	14	7.6
33—States of Montana, Wyoming, Colorado, Kansas, Nebraska, South Dakota, North Dakota, Minnesota, Iowa, Missouri, Wisconsin, Illinois	21	9
34—States of Oklahoma, Arkansas, Louisiana	30	19
35—States of Michigan, Indiana, Kentucky, Ohio, West Virginia, Virginia, Maryland, Pennsylvania, New York, New Jersey, Vermont, Connecticut, New Hampshire, Rhode Island, Massachusetts, Maine, Washington, D.C.	39	15
36—States of Tennessee, North Carolina, South Carolina, Georgia, Mississippi, Alabama, Florida	25	19.5
APO, FPO Numbers	8	27.5
Out of Country	3	8.5
TOTALS:	1,084	11.3

A young lady, telephoning a music store, was connected by mistake with a garage.

"Do you have 'Two Red Lips and Seven Kisses'?" she asked.

"No," answered the garageman, "but we have two tom cats and seven kittens."

"Is that a record?" she asked.

"Well, lady," said the garageman, "we think it is."

In 1948, students had to be on their best behavior lest the Careless Cameraman, a new institution of the Toreador designed to present a cross section of campus life as seen through the range-finder of a nosey photographer, should catch them off guard.

A lot of auto wrecks result from the drivers hugging the wrong curve.

Techsan Receives Award Mention

The Texas Techsan was awarded honorable mention in the faculty news division of the annual American Alumni Council magazine contest held in connection with the recent meeting held in French Lick, Indiana.

The Techsan was one of three magazines which received mention in the division. The alumni magazine of William and Mary College, Williamsburg, Pennsylvania, won the division.

The selection was made on the basis of feature articles on Dr. Charles Qualia, head of the foreign language department; Dr. James C. Cross, head of the biology department; Dr. Doyle D. Jackson, head of the education department, and The Faculty Scene for November, 1950.

Former Prexy Visits Campus

Dr. William Marvin Whyburn, president of Tech from 1944 to 1948, was a recent visitor on the campus for two days.

Dr. Whyburn was on a recruiting mission for the Air Force, seeking highly trained specialists for high level positions in an operations analysis in the Air Force.

Included in his quest for highly trained men were visits to Tulane University, Texas Western University, Southern Methodist University, University of California at Berkeley and Los Angeles and the University of Houston.

Dr. Whyburn is present head of the department of mathematics at North Carolina University, a position he has held since leaving Tech in 1948. He was to spend a month at the Naval Ordnance Test Station of California before returning to North Carolina to assume his duties for fall at the University.

"I was delighted to see the many fine developments of the college and the great growth of the community during my absence," Dr. Whyburn said. He also pointed out that he was greatly surprised at the greenery on Tech's campus.

Blessed be he who expects nothing, for he shall never be disappointed.—Pope

Never too busy to 'chat'—yet

He's the 'Energy-Plus' Prof

By PAT JOHNSON '52

Have you ever met anyone who enjoys his work so much and is so busy he never has time to take a full vacation?

And yet someone who always has time to talk with students about their academic work, problems of campus adjustment or just plain "chat?"

If you haven't, drop by room 211 in the Administration building and meet Ernest Wallace, assistant dean of Tech's arts and sciences division.

You will probably find the genial history professor hard at work preparing a class lecture, making notes for an after-dinner speech, writing an article for a historical publication, collecting data for a meeting of one of the many societies of which he is a member or thinking of some new aid in taking the wrinkles out of freshmen orientation.

Keeping busy "just comes natural" to the native Texan because he has always had something to occupy his spare time.

By the time the energetic historian had finished high school in Hughes Springs, he had "read every book in the library," coached and played basketball, been a member of the track and declamation teams and had grades which earned him the honor of valedictorian.

Following graduation, Wallace took a year "to just go to school" at East Texas State Teacher's College at Commerce. He returned to a full-time schedule of teaching and going to school in 1925 by taking a teaching position in Trent, Texas.

This first teaching job also introduced him to Ellen Kegans who later became Mrs. Wallace. The couple have one daughter, Mrs. Ernestene Barton of Fort Worth.

In 1927, the educator became elementary school principal and high school basketball and track coach at Linden; a year later accepted the job of high school principal at Naples where he stayed seven years.

After receiving his BS in education from East Texas State in 1932, Dr. Wallace began work on his MA in history at Tech which he received in 1935.

When the medium-built brunette first visited Tech, he liked it so much he forgot a life-long desire to enter law school and decided



Dr. Ernest Wallace, genial assistant dean of arts and sciences, takes a moment from his work-filled schedule to smile for the photographer.

to make teaching his future. "I knew then I wanted to become a staff member so I resolved to do such a good job I would be asked to join the faculty," the 45-year-old Techsan added.

While in college, Wallace tried to uphold his academic record begun in high school. In undergraduate school he was selected a member of Alpha Chi, national honorary scholastic organization, and was voted "the most outstanding history student ever examined" by Tech's master's degree committee when he took graduate oral examinations.

Because of this record, the young scholar was asked to join the history department faculty at Tech as instructor in the fall of 1936.

He came to the college from Tulla where he was the high school math and history teacher as well as the basketball coach.

Wallace was given the position of assistant professor of history in 1941; associate professor of history, 1943; director of summer school, 1945-48; appointed assistant dean of arts and sciences in 1945.

The thirty-second degree Mason received his Ph.D. in history from the University of Texas in 1942. He also obtained the University Board of Regents' fellowship in the spring of 1940 and served as a visiting instructor in the summers of '38-'42 while working on his doctorate.

See PROF, Page 20

The Faculty Scene

Additions to the Tech faculty are the news this month as several new faces become a part of the faculty scene.

Among the newcomers is Joseph S. Dwyer, new head of the department of industrial engineering. Dwyer, who comes to Tech from the Georgia Institute of Technology, replaces O. A. St. Clair, who relinquished his duties at the end of the spring semester in accordance with the retirement policy of the college.

St. Clair, who joined the faculty as head of the department in 1934, will remain on modified service with the department. He served as acting dean of engineering from September, 1949, to August, 1950.

Dwyer spent five years as an industrial engineer before assuming duties on the faculty of Georgia Tech where he became an associate professor in three years. He received his master of science degree in industrial engineering from Georgia Institute of Technology in 1949. He took his B.S. degree from Oklahoma A&M in 1941.

* * *
Dr. George Oliver Elle of Cornell University and formerly of Tech, has returned to the college as a full professor in the department of horticulture.

Dr. Elle, former teaching assistant and later an assistant professor at Tech, left in 1948 for Cornell where he received his doctor's degree this year.

He has been a research assistant in vegetable crops at Cornell while working on his doctorate.

Dr. Parker M. Green, associate professor of industrial engineering has resigned his position at Tech to join the staff of the General Motors Institute of Technology at Flint, Michigan.

He will supervise the work of senior students working on their theses. The new position will also offer him opportunity to do consulting work with various divisions of the corporation.

Green has been at Tech since 1949. He joined the Institute staff September 1.

* * *
Two new faculty members assumed duties with the beginning of the second summer session. They are Miss Katherine Evans, associate professor of education, and Charles R. Rouse, instructor in horticulture and park management and manager of the college greenhouses.

Miss Evans spent 14 years teaching in the Kentucky public schools.



Oscar A. St. Clair



Joseph S. Dwyer

She was employed at Eastern Kentucky State Teachers college 1940-46.

During this period she also worked in a cooperative capacity over 14 counties. In 1946 she assumed the position of elementary coordinator in the San Diego, California, schools, where she was employed until coming to Tech.

Rouse received his bachelor of science degree from Texas A&M this spring.

* * *
Jean K. Ewing, 30-year-old Ohioan, has been named assistant to the Dean of Women. She fills the vacancy created when Nancy Nall, present assistant, resigned to take a position with the Texas division of the American Cancer society with headquarters in Dallas.

Handling "overflow from the Dean's desk," Miss Ewing will replace Marion Thompson, assistant dean, who moved to the dormitory work side of the office because of "her knowledge of Tech's system," according to Dean Twyman.

Miss Ewing received her undergraduate degree in economics and her master's degree in human relations from the University of Ohio.

* * *
Robert Henry Dean, Jr., 27-year-old violist, has been appointed an instructor in the Tech department of music. He will instruct in stringed instruments. Studying under a graduate or-

chestral fellowship, Dean received his MM degree in music literature and viola from the Eastman School of Music of the University of Rochester this spring.

Earlier he had studied at the University of Alabama where he received BM and AB degrees in music in 1949.

He was an instructor in strings in the Rochester Public schools from January to June, 1951.

* * *
Reginald Rushing, head of the department of accounting, has recently been promoted from captain to major in the 413th Military Government company of the Organized Reserve corps.

SAN L. ANDERSON, '51 journalism graduate, is employed in the exploration department of the Stanolind Oil and Gas company in Stanton.

To be prepared for war is one of the most effectual means of preserving peace.—Washington

I have never advocated war, except as a means of peace.—Ulysses S. Grant

In 1938, Elmer Tarbox, Tech football player, set the national record for pass interceptions with 11 interceptions to his credit.

Another Public Service

Tech's Speech Clinic

By SAN ANDERSON '51

"When you suddenly amplify things for them, it's almost as if they were hearing a foreign language for the first time."

That's Helen Lindell, assistant professor of speech at Tech, speaking. She's talking about a certain group of the persons that attended her supervised speech training clinic at Tech.

The quotation concerns those whose hearing has delayed, handicapped or totally voided their speech. But the scope of the project is much broader than this phrase.

The speech clinic was carried on in conjunction with a class of seven Tech students who put into practice the means of helping handicapped people speak, or speak clearly. These speech students are important cogs in Miss Lindell's speech program.

"Several of our students could be attending public school if they had been properly treated earlier."

Miss Lindell added. "It is important that parents seek professional advice as soon as it is evident that there is some defect in a child's speech." Both the words and the attitude of the speech teacher indicated she is vitally concerned and interested in her work.

The Tech clinic worked with 60 cases during the first summer term. Forty-five members of this group were children, the majority of whom were within the age range of three to nine. Five adults and 10 Tech students made up the remainder of the list. The group was divided in this manner: 18 articulation, two cleft-palate, 12 stuttering, five brain injury, four delayed speech, six deaf and two voice cases.

"The children are often timid when they first enter the clinic," Miss Lindell said, "but after they are here awhile they hate to leave. One child would weep when his mother left him alone with

his teachers, yet even with his cheeks still wet from crying, he showed interest and cooperation in what was being done for him.

The most interesting students at the clinic are the ones in which speech has been delayed or impeded by partial or complete deafness. Hearing aids and other amplification devices are used by the clinic to make teaching by hearing possible. Mirrors and pictures are also used to train the deaf to speak.

High frequency deafness is an unusual type case for those of the clinic. A person with this auditory deficiency can hear, but imperfectly. For instance there are certain sounds that the person cannot hear, and as a consequence he neglects to pronounce those inaudible sounds. The Tech clinic had two cases of this type, and under the watchful eyes of Miss Lindell and her students, both

See SPEECH CLINIC, Page 18



It's not all done with mirrors, but they do help. Helen Lindell, speech therapist at Tech, enunciates while Frank Hyman and Wade Penny listen attentively, hoping to copy her pronunciation. Wade and Frank were students at the Tech speech clinic.

CAMPUS ROUNDUP

Tech coeds copped the top honors in this year's Miss Lubbock contest when they won the first three places.

Winner of the Miss Lubbock title was Berna Bartlett, senior journalism student from San Angelo. She is also summer editor of *The Toreador*.

Berna did a short tap dance to the tune of "Ain't Misbehavin'" for her entry in the talent division of the contest.

Joan Osborne, sophomore from Brownfield, took second place, while third place winner was Carolyn Hannah, a graduate student from Munday.

* * *

Tech has been named host school for the 1953 national convention of Kappa Kappa Psi and Tau Beta Sigma, band fraternity and sorority.

When this convention, the eighteenth of its kind, is held at Tech, it will mark the first time that a Texas school has been the convention site.

This year's convention was held in Bloomington, Indiana, where Tech was awarded the Balfour trophy for the most outstanding chapter in the nation. This trophy has been awarded three times, and Tech has been the recipient each time.

Charles A. Wiley, son of Director D. O. Wiley, was named vice president of the fraternity.

* * *

Two All-State football players from Kermit have announced their intentions of attending Tech this fall. They are Rick Spinks, left halfback, and Don Kaye Brown, defensive end for the Class A state finalist eleven from Kermit.

Spinks was the state's top scorer with 301 points for the 1950 season. He weighs 187 pounds, stands 5 feet 10½ inches tall, and is noted mainly for his running prowess.

Brown, a 192-pounder, was captain of the Kermit team last season.

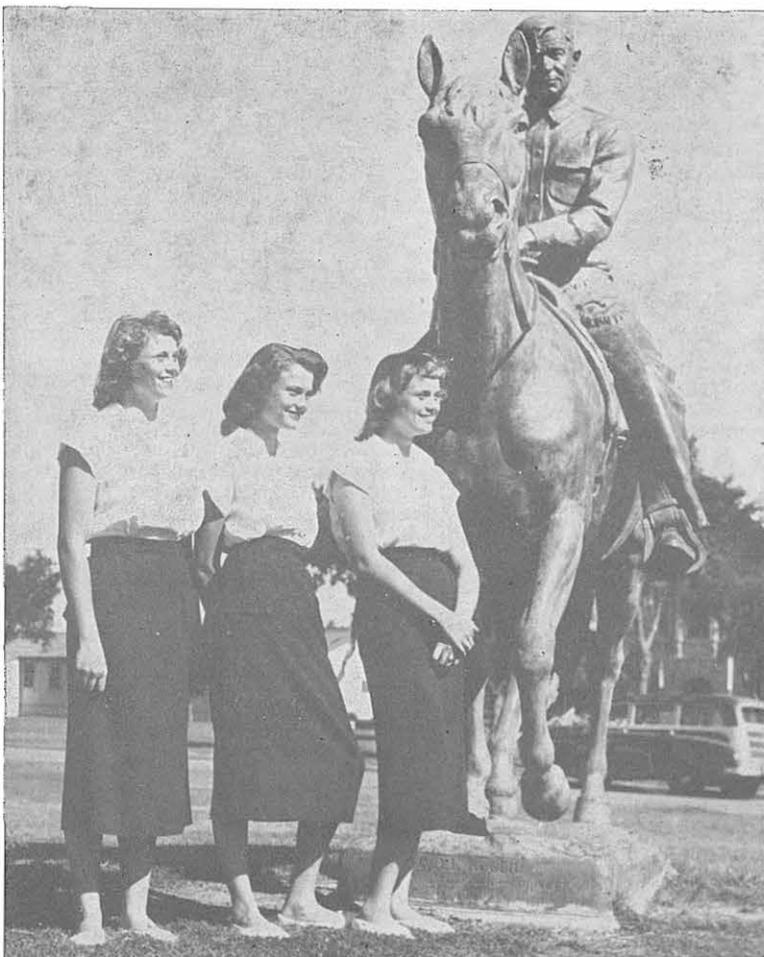
* * *

For the first time since 1927, Texas A&M will play a football game in Lubbock when the Aggies and the Red Raiders clash in Jones Stadium October 10, 1953.

Athletic Director DeWitt Weaver has announced signing of the contract for the home game. This season the two teams will meet in the Cotton Bowl at Dallas September 29.

* * *

Dr. George Heather, dean of business administration, has been



Tech will have another first come freshman registration when the first set of triplets for the campus become Tech coeds. They are the trio pictured above, Annice, Agnes and Janice Horton of Lubbock.

named director of the Evening Course Program at Tech. He will serve in this capacity in addition to his other duties.

Tech began a concentrated program of evening courses in 1950 as a special service for persons in business and industry in Lubbock and surrounding areas who could not attend classes during the regular daytime sessions.

The courses offered are primarily in the business field. Special classes are also conducted on Saturday to enable teachers to continue their education.

ELBERT JOHNSON, former end for the Red Raider football team, has reported to the training camp of the Chicago Cardinals, with whom he has signed a contract.

According to the Summer Revue, makers of seductive perfumes have begun to use the alligator as a source of new perfumes. Whether or not the perfume made from these animals will give girls better results is yet to be seen—what could be less alluring than an alligator?

FIRST LT. GARVIN W. COOPER, '49 mechanical engineering graduate, has been recalled to extended active duty with the Air Force. He reported to Tyndall Air Force base, Panama City, Florida, for an eight weeks training course at the Air Force's aircraft controller school. From there he will be sent to McChord Air Force base, Tacoma, Washington.

The Hitchin' Post

MARIELLEN GRIFFIN and GARY THOMAS GARNER were married in St. Mark's Episcopal Church of Plainview July 15. Both are musicians and were members of the Band at Tech. He is stationed at Reese Air Force base, Lubbock, where the couple resides.

The wedding of Barbara Jeanne Morland to Tech graduate C. G. GRAY was solemnized in Abilene June 30. The couple teaches in Lubbock High school.

PATSY PREWITT, '51 graduate, became the bride of Lt. Maurice O. Thomas June 24 in services read in the First Methodist church of Ralls. The couple is living in San Angelo where he is a pilot instructor at Goodfellow Air Force base.

MARGARET ISRAEL, former Techsan and member of Las Chaparritas, and JIM WALLACE, '48 graduate, were married in June. They are at home in Dallas.

The wedding of JERAL VENOY MILLER, '51 agriculture graduate, and MARTHA ANN SOMERS was solemnized recently in the Asbury Methodist church of Lubbock. The couple is living in Roswell, New Mexico, where he is stationed with the Air Force.

Recent ceremonies in the Asbury Methodist church of Lubbock united in marriage BETTY JOYCE BROWN and SGT. DON GRAY, JR. The couple is at home in Lawton, Oklahoma, where Sgt. Gray is stationed at Ft. Sill.

Residing in Lamesa following their recent marriage in the Lubbock First Presbyterian church are HERBERT LEE CROUCH, JR. and his bride, the former RUTH McMINN. Lee will enter Perkins School of Theology in Dallas for the fall term. He has been assistant pastor of the Lamesa First Methodist church during the summer.

Tech graduates THALA FOSTER and WILLIAM DUNCAN STALLS were married in the First Methodist church of Alpine recently. The couple is living in Manhattan, Kansas, where he is attending Kansas State college.

Residing in Houston following their recent marriage are JOE THOMAS, JR. and his bride, the former DOROTHEA LAMERLE

FORSYTH. The bride formerly was employed by a Lubbock advertising firm. She was a '50 journalism graduate. He is a '51 architectural graduate.

The wedding of RALPH BUCY and Sarah June Patterson was solemnized in the Presbyterian Church of Covenant in Greensboro, North Carolina, recently. The couple is at home in Midland, where the bride is director of religious education and the bridegroom is assistant pastor of the First Presbyterian church.

Two former students, ANN NELSON and HAL BERNARD WILLS, were married recently in the Heavenly Rest Episcopal church of Abilene. The couple is at home in Galveston.

BETTY LOU MILLICAN became the bride of Arthur Earl Hegi in ceremonies performed in the home of her parents in Petersburg re-

cently. The couple is living at College Station where the bridegroom is working toward his master's degree at A&M.

Tech graduates MARY EVA ROE and JAMES WALTER HOBGOOD were married in recent ceremonies performed in the First Methodist church of Anton. The couple is living near Anton where the bridegroom is engaged in farming.

Residing in New Orleans, Louisiana, following their recent marriage are the former JOY CAROLYN HARPER and JAMES LOWELL HOGGINS. The wedding ceremony was performed in the Plainview Methodist church.

The marriage of MARGARET ANN WEST and WILLIAM JOSEPH WILKERSON, JR., was solemnized recently in the First Christian church of Lubbock. The

See HITCHIN' POST, Page 19

Many An "Ex" Marks
This Spot . . .



HILTON HOTEL

LUBBOCK, TEXAS

THE HILTON MEANS HOSPITALITY

Chapter Chatter

The San Antonio chapter was host to 19 former Techsans now engaged in the coaching profession on August 2, during the coaching school held in San Antonio.

About 75 persons were present to see Coach DeWitt Weaver jokingly presented with a scroll inviting him to enter civilian life if he did not have Texas Tech in the Southwest conference within one year.

Weaver spoke to the group, inviting the Techsans to call on the new coaching staff for help at any time and discussing the football future of Tech for 1951.

Previously Coach Weaver had introduced his assistant coaches, Jack Mitchell, Babe Wood, Wade Walker, Wyatt Posey, Bobby Goad and Polk Robison, each of whom spoke briefly to the group.

Of the 75 persons present, the 19 coaches were Bill Teal, Amarillo; Bing Bingham, Post; Cy LaMaster, Dallas; W. B. Green, Carrollton; W. C. Sutton, Carrollton; J. M. Kayser, Snyder; Jack K. Noyes, Sonora; James M. Moffett, Snyder; Ernest Hawkins, Paris; Pat Faris, Lubbock; Freddie Brown, Lubbock; Bill Bush, Galveston; Jack Allen, San Diego, Tex.; Ty Bain, Mexia; George Zoller, Seminole; Toby Greer, Brownfield; Ed Robertson, O'Donnell; Dixie White, head coach at Midwestern University, Wichita Falls; Prince Scott, Wichita Falls, and Wilford Arthur, Spade.

Also present were two sporting goods salesmen, both Tech exes, from Lubbock, Bill Barnett and Bill Kelley.

Red Huff, president of the San Antonio chapter, arranged the dinner and reception in honor of the new coaching staff at Tech and the former Techsans who are now coaches.

D. M. McElroy, executive secretary of the Ex-Students Association, was also present and spoke briefly to the group.

* * *

Hugh Rowland, newly elected president of the Roswell chapter, writes telling of his election and of some of the chapter's plans for the coming year.

At the present time the chapter is actively engaged in attempting to organize a few more New Mexico ex-student chapters.

Officers of the Roswell chapter plan to meet with the proposed

groups personally and help them to get their chapters underway.

* * *

A meeting of the Dallas chapter was held on the lawn of the O. R. McElya home Friday night, August 10.

About 40 exes met to hear talks by Coach Weaver, Assistant Coach Wade Walker, and D. M. McElroy.

Weaver told the group that it was important to Tech's athletic future that the Texas Tech-Texas A&M game in Dallas September 29 be well supported. He told exes that officials of other colleges would view the crowd with an eye toward the potential drawing power of Tech.

McElroy told the exes that the revival in interest in the athletic program at Tech also was stirring up renewed interest in other phases of the college program. He then told the group about the college

and the work of the Association office.

Walker, only other coach present, spoke briefly.

Earl Fuson was elected president of the chapter, with Marshall Gettys, former star tackle for Tech, being named vice-president and Doris Pitzinger, secretary-treasurer.

Plans were laid for an ex-students reception prior to the Tech-A&M game.

* * *

An organizational meeting to form the Hobbs, New Mexico, ex-students chapter was held August 22 at New Mexico Electric Service Park in Hobbs.

Jack Maddox was host for the occasion. D. M. McElroy, coach DeWitt Weaver, and members of the coaching staff were guests at the meeting.

With The Colors

S/SGT. GARLAND D. TAYLOR, JR. is a member of the 411th Transportation Truck battalion at Fort Eustice, Virginia. After finishing his basic training at Camp Hood with the Second Armored division, where he was selected by his commanding officer as the best all-round soldier in his company, Sgt. Taylor was transferred to the truck battalion.

CAPT. JACK T. MARTIN, Air Force pilot, recently arrived at Ellington AFB to undergo an extensive course in aerial navigation.

JOE NELSON has recently been promoted to sergeant in the Marine Corps. He received the promotion upon being transferred to Camp Lejeune, North Carolina, following his return from Korea.

SECOND LT. GRAHAM BOGEL is stationed with the Army at Fort Monmouth, New Jersey, following his recent recall to active duty.

SGT. NEIL L. REGER has been promoted to staff sergeant in the Marine Air Corps. He is at present serving on the carrier USS Sicily, operating in Korean waters, and has seen combat service in the area.

PFC. JAMES HALL is stationed at Luke Air Force base, where he was recently transferred from Keesler Air Force base in Biloxi, Mississippi.

Naval Aviation Cadet JACK E. WALTER recently reported for duty at Corry Field, Pensacola, Florida, where he will undergo training in instruments and night flying. He will be designated a Naval Aviator and commissioned an Ensign in the Naval Reserve upon completion of his flight training.

CAPT. ROWAN C. UPTON is stationed at Ellington AFB, Houston, after recently reporting for active duty with the Air Force. He was employed by an electrical supply company before entering the service.

MAJOR E. C. BLYTHE has been assigned to the new B-47 training base at Wichita Air Force base, site of training for combat crews of the B-47 Stratojet bomber.

LT. JAMES L. GAMMILL has completed the advanced training phase as a student carrier pilot at the Navy auxiliary air station, Cabaniss Field, Corpus Christi. He has received orders to report to the Naval Air station, Pensacola, Florida, for carrier qualifications.

CAPT. CLYDE W. JAMES is on brief tour of duty at the Provost Marshall General's school, Camp Gordon, Georgia, to take a course in military government. He is one of 67 officers from all over the nation who make up the sec-

See WITH THE COLORS, Page 17

Ex To Get Chemistry Doctorate

Patricia Fain, 23-year-old Technican, is back on the Tech campus for the fall semester as she becomes the first person to apply for a doctorate in chemistry from this college.

Her return to the campus follows the receipt of her master of science degree in bio-chemistry in August and a trip to New York City where she pursued the chemical equation September 1 to attend the Diamond Jubilee meeting of the American Chemical society.

For one who occasionally says modestly, "I just can't do that," Pat's accomplishments over the last seven years are remarkable, if not almost unique. She is possibly the only coed in this region who has accumulated three degrees and 19 months of professional experience before her twenty-fourth birthday.

Not one to be wasting any time, Pat set her pace when she entered the University of Texas after graduating from Lubbock Senior High school in 1944. She earned a BA degree in English from the University of Texas in 1947.

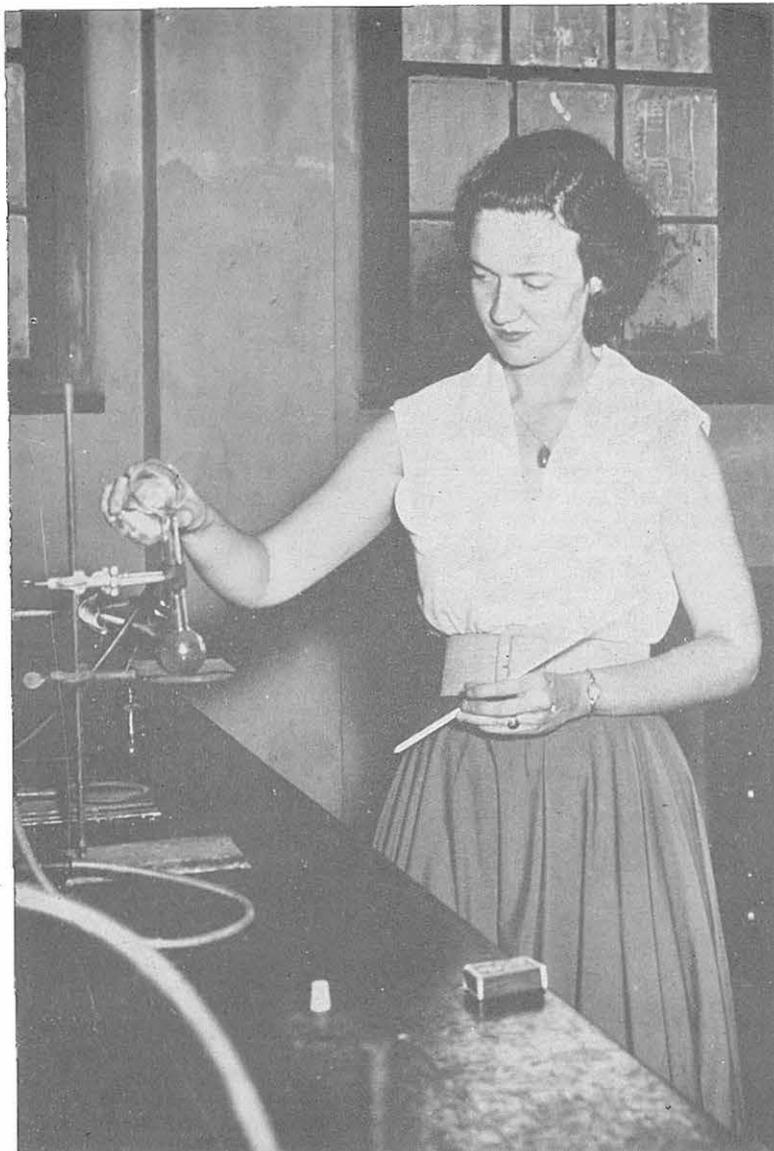
In the summer of 1948, she had another degree to her credit—a BA in chemistry from Tech. September, '48 to April, '50 found her doing analytical work and technical service in a major chemical plant in St. Louis. Now, the final copy of her thesis is typed and approved, and she has her third degree.

Why did she choose a career in the field of chemistry? Frankly, she doesn't know. She says, "I have just always enjoyed it. I like laboratory work, and have known since I was in the eighth grade that this was what I wanted."

All of her masters work was completed before the beginning of the second term of summer school. The second session she audited a chemistry lecture course in the mornings and was a laboratory instructor for organic chemistry in the afternoons from 1:00 to 5:30 p.m. Then, to round out the day, she read literature in various fields to find a project for her doctorate.

Chasing "bugs" from one test tube to another fourteen hours a day, six days a week for nine months, as Pat did during the 1950-51 term, could take a little of the zest for living out of nearly anyone—but not Pat.

Hesitant to talk about her accomplishments and refusing to see anything unusual about them, she



Patricia Fain, 23-year-old organic chemistry lab instructor, conducts an experiment in one of her classes. Pat is enrolling in September as the first person ever to apply for a doctorate in chemistry from Tech.

admits a 2.0 average in undergraduate work, and 2.5 and 2.77 averages for the two semesters in graduate work. However, Pat points out the significant correlation between decrease in extracurricular activities and increase in grade point averages. Having curtailed her social and club activities as she advances in her field, she knows whereof she speaks.

"The most serious obstacles I've ever had to overcome were extracurricular activities," she laughingly reports.

When Pat needs a little diversion, she goes home, dons blue jeans and does a chemical experiment in her own backyard. By combining H₂O and SOAP and applying the solution to DOG she se-

From 'Quakes To Cattle

By I. G. HOLMES

"I had rather walk out of the ring than be carried out," says Dr. Leroy T. Patton, when asked why he is not remaining at Tech to operate the college seismograph instruments. The 70-year-old professor retired as head of the geology department three years ago and remained on the faculty until June 1.

Patton, who organized the geology department at Tech and who is one of the original faculty members, is not a man to spend the rest of his life loafing. When interviewed, he was found on his tractor, plowing wheat land in preparation for sowing another crop on his farm 13 miles northeast of Abernathy. He says that he has no plans in the geological field beyond the presentation at a science meeting next year of a paper on the Pre-Cambrian Complex that he is now working on.

"My main interest, now," he said, "is the growing of wheat and the raising of cattle."

Patton has a 640-acre farm that presents an interesting geological problem in itself. After three failures, he has succeeded in completing a good irrigation well that is located on the slope of a deep lake on the property. Patton believes that the water of the lake recharges the water sands from which the well pumps. He says that the lake loses its water in a very short time after a big rain, in comparison to the many other lakes in the area that hold water for long periods of time.

With only one well, and it located on the opposite side of the lake from where he needs a major portion of the water, Patton has been forced to run an irrigation ditch along the rim of the lake slope. In places the ditch had to be elevated in order to remain on the water level, he said. At the time that it was built, it was the largest operation of its kind in Hale county. It is elevated 10 feet or more above the natural ground level in places along its mile in length.

Dr. Patton has found that the slope and the lake basin is much better for wheat and cattle and the level land surrounding the lake is better for cotton. As he is more interested in the wheat and cattle, he has a tenant farming the cotton land.

During the summer of 1918 Dr. Patton was in an army student training corps unit where he had



A far cry from his days in the classroom and laboratory—but Dr. Leroy T. Patton, retired geology faculty member, looks happy as he comes in from plowing wheat stubble on his farm near Abernathy.

the great Knute Rockne as his bayonet instructor. An amusing incident that involved Rockne that summer was one in which the faculty members in the unit had to charge a trench system manned by students. Patton said that the problem was to be run without arms, but that someone had ordered the students to use clods on the advancing instructors. When he reached the trenches, Patton said the first thing he saw was the great Rockne standing over three students that had been throwing clods at the attacking faculty members. Rockne had knocked the three cold with his fists. Patton said that ended the clod-throwing.

Patton was born at Fairpoint, Ohio, Dec. 5, 1880. When he was five years old, his parents moved to southern Kansas. They later moved back to Ohio, where he finished high school and received his BA degree from Muskingum college. He received his BS from University of Chicago and his MS and PhD. from the University of

Iowa. He organized the geology department at Muskingum and spent three years there before coming to Texas university as associate geologist with the Bureau of Economic Geology.

In 1925 Patton was in the vicinity of Lubbock on an exploration trip covering the Texas university school lands when he heard of the new college being organized here. He went to see President P. W. Horn and asked if plans were being made for a geology department. Horn said that he had not thought of geology but that he would consider it. As a result of the visit, Patton was hired as head of the department.

After operating the college seismological observatory for the past three years, Dr. Patton was quite disappointed that the instruments were not in action June 21 to record the first earth tremor to occur in this vicinity since they were installed.

Signals From The Huddle

'28

ALVA D. WALLACE, who holds B.A. and M.A. degrees in English from Tech, is a member of the faculty of Wayne University in Detroit, Michigan. He is an associate professor of English at the University.

Pastor of the First Methodist Church in McAllen is REV. KENNETH R. HEMPHILL, government graduate.

'29

HERSCHEL CECIL McFARLAND, former geology student, is president of two Amarillo firms, Blackstone Cleaners, Inc., and Tailorline Clothiers, Inc.

Secretary-manager of the Bradley Grain company in Hereford is SYLVESTER HIRAM SLAGEL, former pre-med major. He is also engaged in farming.

Math graduate PHILLIP LEE VARDY, JR., is superintendent of schools in Slaton. He holds both B.A. and M.A. degrees from Tech.

'30

FRED H. MOORE, geology graduate living in Dallas, has recently been appointed assistant to the president of the Magnolia Petroleum company. Moore joined the Magnolia company in May, 1935.

Agriculture graduate LYLE CURRIE DALTON is state supervisor for the New Mexico State Board of Vocational Agriculture. He resides in Las Cruces, New Mexico.

'31

A. LEON HAVIS, horticulture graduate, is senior horticulturist in fruit research for the U. S. Department of Agriculture Plant Industry station at College Park, Maryland.

Education graduate EFFIE LOU KEASTER is an associate professor of health and physical education at the University of Georgia, Athens, Georgia.

'32

MR. AND MRS. GERALD V. FULTON are residents of Lubbock where he is manager of Shook Tire company. Mrs. Fulton is the former ANNA MARGARET LAM.

A seismologist for the Petty Geophysical Engineering company in Lamesa is HOMER EUGENE ROBERTS, geology graduate.

'33

DONALD A. WEILENMAN, mechanical engineering graduate, has recently been appointed manager of the S. H. Kress company store in Paris. He was formerly assis-

tant Kress manager in Honolulu, Hawaii, since 1946.

A member of the Lubbock law firm, McWhorter, Howard & Cobb is CHARLES LOUIS COBB, government graduate.

Business graduate SETH BARTON COX is now Dr. Cox, a dentist in Urbana, Illinois. Engaged in farming and ranching at New Castle is former aggie student GROVER F. FURR.

'34

Math graduate EDITH CAVENESS is a math teacher in the Lubbock schools. Owner of a machine shop in Sweetwater is former mechanical engineering student GEORGE STIRLING COWAN. He is married to the former LILLIAN EMOGENE JOHNSTON.

JOHN NARL DAVIDSON, electrical engineering graduate, is a plant engineer in the edible factory of Proctor & Gamble company in Cincinnati, Ohio.

Residents of Shamrock are MR. AND MRS. WILLIAM FRANKLIN HOLMES. He, a business graduate, is owner of the Ford Motor company there. She is the former ERNESTINE ELIZABETH REYNOLDS, '33 education graduate.

'35

HANEY ELLIOTT KNOX, textile engineering graduate, is superintendent of the New Braunfels Textile Mills in New Braunfels.

Residents of Dallas where he is partner in the petroleum engineering firm, King, Latham & Stults, are MR. AND MRS. ARTHUR CARL STULTS. He has both his B.S. and M.S. degrees from Tech.

'36

A dietitian in the Fort Logan Veteran's hospital of Denver, Colorado, is ALVINA RUTH BERAN, foods and nutrition graduate.

A training specialist for the Veterans' Administration in Lubbock is JOHN THOMAS HOWELL, JR., government graduate. Mrs. Howell is the former JEANNETTE KELLY, '39 music education graduate.

A first grade teacher in the Post schools is education graduate BONNIE LEE McMAHON.

'37

MR. AND MRS. ROBERT J. CLEMENTS are residents of Brownfield where he is sales manager for the Teague Bailey Chevrolet company. He was a business graduate, and she, the former

ARLENE HANKINS, majored in home economics at Tech.

A physician and surgeon in La-Marque is DR. WELDON GARRETT KOLB, chemistry graduate. MARY ANNE SWEPSTON, Spanish graduate, teaches English in the Floydada schools.

'38

ROY R. ARMSTRONG, ag education graduate, is a soil conservationist for the Soil Conservation Service in May.

MR. AND MRS. SAMUEL S. HILL are living in Abilene where he is owner and manager of the Longhorn Creamery. He received his degree in dairy manufacturing. She is the former VERNALEE CARSON, speech major in the class of '40.

An associate resident engineer for the Texas Highway department is architectural graduate WILKINS B. HOPPE. He resides in San Angelo.

'39

Stationed with the Air Force in Falls Church, Virginia, is LT. COL. WILLIAM THOMAS BOLT, former aggie student. Mrs. Bolt is the former DOROTHY CASEY, '41 home economics graduate.

Borger resident LOVELL PARKER BROWN is a district petroleum engineer for the Continental Oil company. He is a petroleum engineering graduate.

GRAHAM ELIZABETH HARD, home economics grad, is a home demonstration agent in Tahoka.

'40

History graduate JOHNNIE MARVIN AMMONS is a resident of Roby, where he is manager of the Midwest Electric Cooperative.

Floydada rancher NED BRADLEY was recently heard on the ABC network program "Perfect Husband." He was nominated for the honor by his wife, but he did not win the contest. Bradley was formerly an orchestra leader in Lubbock.

A fifth grade teacher in the Lubbock school system is FRANCES CONLEY, education graduate.

'41

MR. AND MRS. ARCHIBALD E. CROW and their daughter, Cynthia, have recently moved from Abilene to Ft. Worth where he has been made agency manager with the Texas Life Insurance company. Mrs. Crow is the former MARY ANNETTE GIBSON, '46 business graduate.

C. L. (MIKE) KELLEY, petroleum engineering graduate, was re-

cently registered as a professional engineer by the Texas State Board of Registration for Professional Engineers. He is employed by Stanolind Oil and Gas company in Brownfield.

D U F F E R BROOKS CRAWFORD, chemical engineering graduate, is doing chemical research for the development department of the American Machine and Foundry company in Brooklyn, New York. He resides at Palisades Park, New Jersey.

'42

Recently elected vice president of the United States Junior Chamber of Commerce was **WILLIAM ADAIR GOSSETT**, Carlsbad, New Mexico, jeweler. He is married to the former **JOYCE SAUNDERS**.

Chemical engineering graduate **KENNETH GLENN BEANE** is a process engineer for The Texas company in Port Arthur. A teacher in the Ft. Worth school system is **O'DELL ANTHONY CROW**, former civil engineering student.

'43

WALTER ERNEST CLEMENT, field engineer for the Southern Alkali corporation in Fort Worth,

was recently registered as a professional engineer by the Texas State Board of Registration for Professional Engineers. He was a civil engineering graduate.

Residents of Lamesa are **MR. AND MRS. THOMAS BRASWELL GILBERT**. He, a business graduate, is employed by the McCall-Parsons Drug company. She is the former **MARGARET ELIZABETH GIBBS**, '47 primary education major. She is a teacher in the Lamesa schools.

'44

Mechanical engineering graduate **HARDIN JOYCE** is employed in the motor engineering division of the General Electric company in Erie, Pennsylvania.

'45

MRS. WILLIAM GERARD O'REGAN has left her position as Dean of Students at the University of California to accompany her husband to England where he will attend the London School of Economics on a Fulbright Scholarship. Mrs. O'Regan is the former **MARIAN COOLIDGE**, English graduate.

Curriculum Director in the Lub-

bock school system is **DOROTHY LOMAX**.

'46

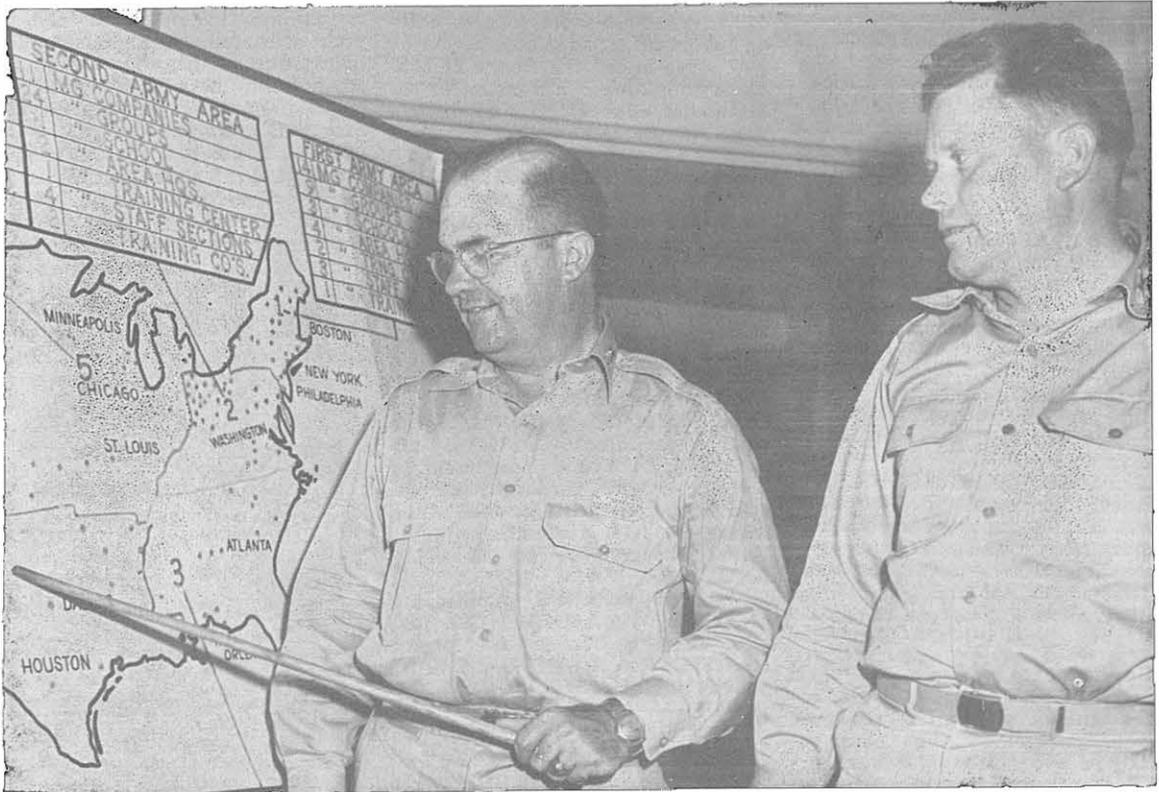
Dairy manufacturing graduate **ALLEN A. McARTHUR** has recently been appointed manager of the Dallas branch office of the Creamery Package Manufacturing company. Mrs. McArthur is the former **LOUISE PORTER**, '44 home economics graduate.

Residents of Lubbock are **MR. AND MRS. EDWARD WILLIAM CARTWRIGHT, JR.** He is chief draftsman for O. R. Walker, Lubbock architect. He is an architectural graduate and she is the former **MARGARET RUTH GILBERT**.

'47

A petroleum engineer for the Railroad Commission of Texas is **ROBERT ROBINSON COCKE III**, who was recently registered as a professional engineer by the State Board of Registration. He resides in Corsicana.

DR. LESLIE M. MORRISSET has recently opened his office in Wylie for the practice of medicine and surgery. He was a pre-med student at Tech and is a recent



Lt. Renny R. McCafferty, '40 and Lt. Charlie T. McCormick '47, exes who are reserve officers in the Lubbock area, take a classroom break during attendance at the Provost Marshal General School, Camp Gordon, Georgia. Both men attended Military Government classes at the school. McCafferty is employed with the West Texas Gas company in Lubbock, and McCormick is vocational agriculture instructor at Ropesville.

graduate of the University of Texas Medical school. He is married to the former BARBARA SUZANNE LEONARD, primary education graduate.

Residents of Paul's Valley, Oklahoma are MR. AND MRS. MONTE R. LEE. He, an electrical engineering graduate, is a field engineer with the Rural Electrification Administration. She is the former FRANCES JOSEPHINE JARRATT, '40 business grad.

LT. AND MRS. W. L. CLARK are living in Cocoa, Florida where he is stationed with the Naval Air Force. He is a textile engineering graduate and she, the former LAVERNE ALLEN, received her degree in commercial art in 1944.

'48

EARL LEE COWART, JR., electrical engineering graduate, is enrolled as a sophomore at the Southern College of Optometry in Memphis, Tennessee. He is married to the former GWEN M. EDWARDS, '46 home economics graduate.

MR. AND MRS. HUGH ENGLISH have recently moved into a new home in El Paso. He is with Carroll and Daeuble, architects, there. She is the former MARY MENON STANGEL, '44 English graduate.

'49

BILL JACKSON, government graduate, has been recalled to service with the U.S. Army and is stationed with the 7th Armored division at Camp Roberts, California.

International trade graduate ERNEST ALFRED CONLEY is attending the American Institute for Foreign Trade at Thunderbird Field I, Phoenix, Arizona, where he is specializing in Latin America. The course of study concentrates techniques of international business administration, foreign languages and characteristics of foreign countries. He will graduate in June, 1952.

GARLAND D. BRIDGES, JR., formerly principal at New Deal High school, has been recalled to active duty with the U.S. Air Force. He has been commissioned a first lieutenant and is stationed at Reese Air Force base, Lubbock.

'50

Government graduate ROBERT LEE STEELEY, now a sophomore student at the University of Texas Law School, has been selected as a candidate for membership on the editorial board of the Texas Law Review, a legal magazine which is published seven times a year in conjunction with the law school.

Residents of Tujunga, California, are MR. AND MRS. CASTLE H. FAGAN. He is a mechanical

engineer for Lockheed Aircraft corporation and she is a chemist for Don Baxter, Inc. Mrs. Fagan is the former VIOLET MAE PRICE, '50 zoology graduate.

Part-owner of the Cook Appliance company in Big Spring is CLIFTON LEE "PETE" COOK, accounting graduate. He and his father, partners in the business, are the dealers in Big Spring for all Frigidaire appliances. Mrs. Cook is the former ANNABELLE DYER, marketing graduate.

CAPT. AND MRS. ORION C. HARRINGTON are residents of Mobile, Alabama, where he is stationed at Brookley Air Force base. He attended Tech the fall of '50 and she, the former WILDA JOSEPHINE BOLES, received her degree in home economics in '48. The Harringtons have two children, Charles, six years, and Karen, 15 months.

MRS. HANK McCLEARY, the former BERYL NOWLIN, is a resident of Lamesa where her husband is employed by the Stanolind Oil company. A zoology graduate, she is the mother of a baby daughter, Laura Gail, born in July.

'51

WILLA FARIS and EDNA LEE HILL, both home economics education graduates, have been chosen short-term missionaries who will serve under the Board of Missions and Church Extension of the Methodist church. Miss Faris will work in Bethlehem Center, community center for Negroes, in Chattanooga, Tennessee. Miss Hill will work at the McDonnell Methodist Center rural project, Houma, Louisiana.

Attending Iowa State College, Ames, Iowa, where he is doing graduate work in chemical engineering is ROBERT S. P'POOL.

BILLY ANDERSON, ag education graduate, is a vocational agriculture instructor in the Lamesa High school. His addition to the staff gives Lamesa the largest vocational agriculture department in the state, with three instructors.

Living in San Diego, California, where he is a technician in the Naval Electronics Lab are MR. AND MRS. ZACK REYNOLDS. He is an electrical engineering graduate, with both the B.S. and M.S. degrees. She is the former MARTHA LOU SMITH, '49 education graduate.

DAVID N. LEAVERTON has enlisted in the Air Force and has been sent to Lackland Air Force base for basic training.

CAPT. EARL B. BRALY has recently reported for duty at Fort Monroe, Virginia, with the U. S. Army. Capt. Braly is a '39 graduate.

Tech Grad Studies Atomic Energy At Oak Ridge, Tenn.

John Bradford, 28-year-old doctor of chemical engineering and former Tech student, has gone to Oak Ridge, Tennessee, to study in the atomic energy plant there.

The young doctor will study a nuclear reactor at Oak Ridge. He explains the reactor as being a very slow burning atom bomb.

The former Techsan is pursuing a study of atomic energy for peacetime purposes. He is at present on the faculty of the Case Institute of Technology, Cleveland, Ohio, where he is setting up a nuclear engineering curriculum. The new curriculum will be slanted toward his study of peacetime uses for atomic energy.

Dr. Bradford received his Bachelor of Science degree from Tech in 1942. His Master's degree in chemical engineering was awarded him at Tech in 1948.

The doctor has been influential in setting up meetings in which to explain to newsmen the aspects of the nuclear field, as well as to attempt to simplify the phases so that they may write intelligently on the subject so that laymen may understand.

Case Institute has sponsored these programs for newsmen in the Northeastern section of the United States.

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Cradle Rockers

Mr. and Mrs. William Eugene Oden are the parents of a son, born recently in Lubbock. The mother is the former Xen Harris, 1950 graduate. The father is an instructor of government at Tech.

Connie Jean is the name given the new daughter of Mr. and Mrs. Richard Force of Sioux City, Iowa. The mother is the former Marne Parrott, member of the class of '47.

Parents of a new boy are Mr. and Mrs. Edward Smith of Lorenzo. The father, a '49 graduate, is a wholesale agent for the Continental Oil company. The mother is the former Maudie McLaury, '50 English graduate.

A 7-pound son was born June 19 to Mr. and Mrs. Harry Whitehurst of Terrell. Mrs. Terrell is the former Evelyn Newell, '48 home economics graduate.

Mr. and Mrs. Robert Bruce Burleson, Jr. are the parents of a new daughter named Janet Oresa. The Burlesons live in Lubbock where he is district director of sales for the Mennen company.

Parents of a new daughter, Debora Jo, born May 29 are Mr. and Mrs. Marion H. Mayes. The mother is the former Joan Tate, '50 home economics graduate. The father is a '48 aggie graduate. He is engaged in farming near Anton.

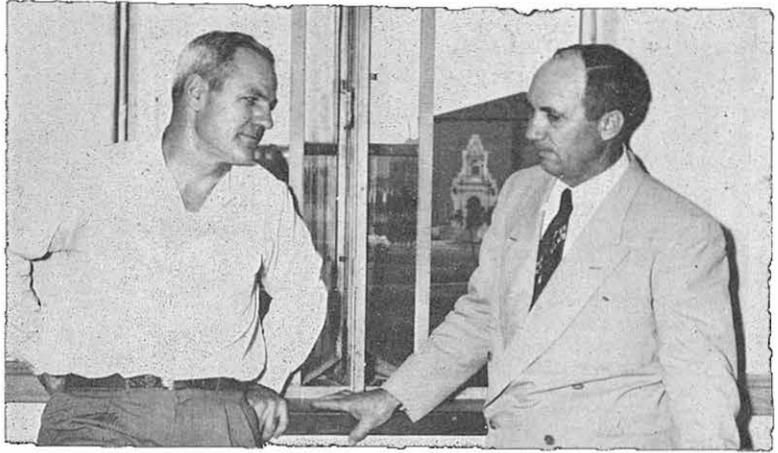
Robert Willis is the name given the new son of Mr. and Mrs. Gordon Heard of Bowie. The 7 lb. 10 oz. boy was born June 10. The mother is the former June White, who majored in speech at Tech in '49. The father is a '51 marketing graduate. Gordon is a partner with his father in a retail hardware store in Bowie.

Parents of a baby girl are Mr. and Mrs. Sam Bates, Jr. of Corpus Christi. The mother is the former Lois Alyne Cone, '49 business graduate. The father is a '51 architecture graduate. He is employed by Richard Colley, Corpus Christi architect.

Mr. and Mrs. Don Melton of Oltom are the parents of a daughter born recently in Lubbock. The father, a '50 agriculture graduate, is engaged in farming. The mother is the former Ellen Cecelia Wiese.

Parents of a new son are Mr. and Mrs. Grady Henly of New Deal. The mother is the former Dorothy Ann Mann, '39 speech major.

A new daughter was born recently to Mr. and Mrs. Neil Herrin of Anton. The mother is the former Bettie Louise Hart, '48 applied arts graduate.



Dr. W. M. Whyburn, Tech president from 1944-48, chats with Emmett A. Hazlewood, mathematics department head, on a recent visit to the campus. From the window they can see the new Museum, one of the many additions to the campus which Dr. Whyburn enjoyed seeing.

Doctorate —

cures a clean PUP—and a happy, relaxed Pat.

"I like to swim when I can find time, and I've been taking golf lessons for the last hundred years," the versatile Lubbockite says. She is also a student of Spanish, French and German.

In recognition of her achievements, Pat has been granted a teaching fellowship in chemistry. She expects work on her doctorate to require about two years for completion.

What then?

"I want to work in the field of research, preferably in Texas," was the answer.

"But, Pat, you can't be in Texas, and still be as far from home as you were in St. Louis," the reporter suggested.

"Yes, but I'd still be in Texas," was the typical Texan's rejoinder.

With the Colors —

ond class to be conducted at the school.

PFC. ROBERT H. McKELVY has been assigned to Amarillo Air Force base as a career guidance specialist in the air base group headquarters. He was previously stationed at Lowry Air Force base, Denver, Colorado.

PFC. ENSOR L. LITTLETON was one of the 38 men to successfully complete the eight weeks leadership course of the 5th Armored Division at Camp Chaffee, Arkansas recently. The course is a prerequisite for Officer Candidate school.

Authority Praises Museum Progress

A museum director laden with volcanic "bombs" and other display items from Mexico stopped off in Lubbock recently to see what progress had been made at the Museum at Tech since he last visited here a year and a half ago.

He is Dr. Robert T. Hatt, director of the Cranbrook Foundation of Bloomfield Hill, Michigan. Dr. Hatt made several suggestions to improve displays of the museum here but said he was impressed by the "rapid development. Tech is using modern techniques and presenting its material in an interesting—and educational—manner."

"Too many college museums become little more than storehouses," he added. "Tech is one of the most progressive and community-conscious college museums I've seen. It is being developed not just for the college community, but for the entire region."

Dr. Hatt has visited more than 100 museums in the U.S., Canada, Mexico, England, France, Holland, Belgium and Germany. He was a consultant in developing over-all plans of the museum at Tech and gave the first museum lecture here.

EUGENA LUKER, who attended Tech 1948-49, is a reporter for the Fort Worth Star-Telegram. She received her B.A. degree in May from TCU.

New Red Raider Clubs Organized

Two new Red Raider Clubs have been organized on the South Plains recently, at Pampa and at Midland.

Frank Dial was elected president of the newly formed Top-O-Texas Red Raider club at its organizational meeting in Pampa August 9.

Coach DeWitt Weaver was the principal speaker, with members of his staff, Jack Mitchell, Bobby Goad and Wade Walker speaking briefly.

Weaver told the 30 members attending the meeting that with other schools active in the area, Tech needed the support of all exes in getting its share of football talent.

"We can not beat Southwest conference teams with what they leave us." Al Allison, Levelland attorney, told the group.

More than 75 Tech exes and friends of Red Raider athletics turned out in Midland July 27 to attend a dinner meeting during which approximately \$1,000 was contributed to support the Red Raider club.

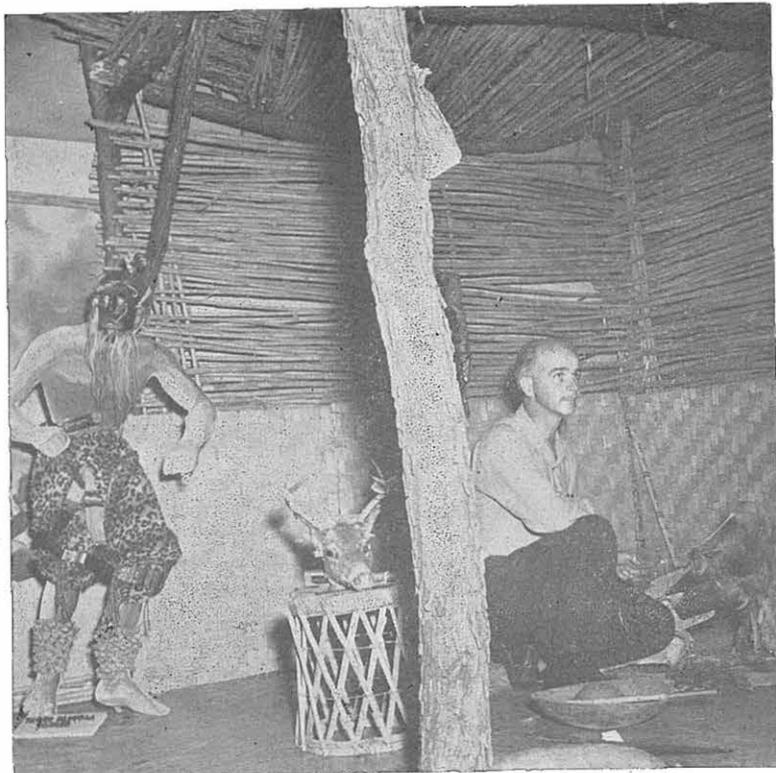
Hugh McCullough acted as master of ceremonies for the occasion, which was highlighted by talks from Tech coaches and a film of the Raider spring training game.

Following the dinner, a dance was held. Among those present were Lallah Wright, Fort Worth, secretary of the Red Raider club; Bill Glidewell, former Raider varsity member and now director of athletics in the Midland playground system, and Joe Albright, Midland, a Raider football star from 1938 to 1942.

PVT. JOHNNY WAYNE GREEN has recently arrived at the 38th parallel in Korea with a topographical and metrological detachment of a survey unit attached to the field artillery.

SECOND LT. JOHN MOSS is stationed at Fort Leonard Wood, Missouri, with the U.S. Army. **HARRY FRY** is stationed with the Air Force at Lackland Air Force base, San Antonio.

MARY SEALE LILES, '48 graduate, was married recently to Thaddus King in the First Baptist church of Welch. The couple lives in Albuquerque, New Mexico, where the bridegroom is employed at Kirkland Air Force base.



Dr. Robert T. Hatt, director of the Cranbrook Foundation of Bloomfield Hills, Michigan, inspects the Yaqui Arbor display in Tech's Museum. Dr. Hatt stopped here on a recent tour of museums in Mexico and the United States. He praised the developments made by the Museum during the last year and a half.

Speech Clinic —

persons were greatly improved. Speech, Miss Lindell says, is not "cured." It is improved. Almost every person, she adds, could learn to articulate with greater clarity.

The Tech speech therapist has been at Tech for three years, but this is the first summer an all-out daily program had been carried on in the speech clinic, although there has been, on a smaller scale, correction work at Tech for almost nine years.

The clinic closed following the first summer session, but it will resume full operation again in the fall semester.

Anyone interested in advice or help from the clinic should contact the speech clinic or the speech department in September.

Speech therapy was not a new field to the Tech assistant professor when she came to Tech. Her position with the public schools of Kenosha, Wisconsin, were of the same pattern. And if the growing enthusiasm that she shows for the work that can be done in this field has any significance, she will follow this vocation for a long

time.

Exemplary of this enthusiasm is her story about a little boy whose speech had been delayed by brain injury. Despite patient and diligent training week after week, the youngster responded with not one word.

But while blowing bubbles one day the three-year-old gave his teachers some sort of a jolt. It was a pleasant shock, however, for he responded in a way that was strictly unorthodox — unorthodox for him at least. The boy's reaction when one of the transparent spheres burst was totally unexpected and wholly gratifying.

"Pop" the boy yelled when one of the glistening creations disintegrated in the air.

The look upon Miss Lindell's face as she climaxed this story attested to the great joy she receives from such experiences.

Two Tech graduates, **BYRDEAN ROBERSON** and **HUGH F. CYPHER, JR.**, were married recently in St. Elizabeth's Catholic church of Lubbock. The bride is a '49 graduate in journalism, and the bridegroom received his petroleum engineering degree in May.

Hitchin' Post —

couple lives in Lubbock where she is employed by Lubbock Aviation and he is assistant in the federal district clerk's office.

* * *

Lela Paxton became the bride of Tech graduate BOBBY JOE SALEM in recent ceremonies read in the home of the bride's grandparents in Littlefield. They will reside in Dallas this fall, and he will attend the Southwestern Medical School, while she will teach in a Dallas school.

* * *

At home in Muleshoe following their recent marriage are the former BILLIE RUTH LITTLE and James Fuston McCarty. The wedding was performed in the First Methodist church of Littlefield.

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The First Presbyterian church of Lubbock was the scene of the recent marriage of MARRION WOODS and Henry O. Hudson. She was a '50 graduate of Tech. The couple is at home on a ranch near McAlister, New Mexico.

* * *

The marriage of LUCY ANN WEST and Charles Owen Hamilton was solemnized recently in the First Baptist church of Lubbock. The bride is a '50 graduate and has been teaching school in Idalou the past year. The bridegroom is a Tech student.

* * *

TED SAMS and Marienne Miller were married recently in the Presbyterian church of Memphis, Tennessee. The bridegroom is a graduate in chemical engineering.

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PATRICIA LIND SPRAGUE became the bride of Jack Oliver Shannon, Jr., in recent ceremonies performed in Trinity Episcopal church of Lubbock. The couple is living in Fort Worth where he is a partner in Shannon's Funeral Chapel.

* * *

Residing in San Diego, California, following their recent marriage are ELLA FAY GROVES and Earl Ralph Hedrick, Jr. The marriage took place in the First Presbyterian church of Lubbock.

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The wedding of Martha Jean Harvey to JERRY JACKSON CRAWFORD was solemnized in the First Baptist church of Sweetwater recently. The couple is living in Lubbock where the bridegroom is head coach at Carroll Thompson Junior High school.

* * *

BETTY LOUISE MARTIN became the bride of Lt. Dale Gibbs in recent ceremonies which took place in the home of the bride's par-



I DON'T CARE IF YOU DO HAVE PHYSICAL EDUCATION THE NEXT PERIOD..

ents in Lubbock. The couple lives in San Antonio where Lt. Gibbs is stationed at Randolph Air Force base.

* * *

The recent marriage of HELEN RAE GOSSETT and PFC. KENNETH HOLLAND COX took place in the First Baptist church of Lubbock. The couple is at home in San Antonio where the bridegroom is stationed at Lackland Air Force base.

* * *

May graduates ROBBIE FLOY McCARTNEY and THOMAS LINDEN GOLDSTON were married recently in the Central Baptist church of Lubbock. The couple is living in O'Donnell.

* * *

First Methodist church parlor in Lubbock was the scene of the recent marriage of JO ANN ELIZABETH FORBES and James Robert Dow. The couple is living in Roswell, New Mexico, where the bridegroom is associated with the United Engineers.

* * *

Residing in Coleman following their recent marriage are Mark Joseph Brannon, Jr., and his bride,

the former MARY HELEN JONES. The wedding took place in the home of the bride's grandmother in Mexia.

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Recent ceremonies in the First Methodist church of Plainview united in marriage RITA ROSE ROBERTS and LAND D. WALL. The couple is living in Plainview, where he is with the Chapman Davis Cotton company.

* * *

Jean Sealy and SAMUEL D. GARDNER are residents of Lubbock following their recent marriage, performed in the Central Baptist church of Lubbock.

* * *

GUIDA MILLER and LAMAR JACKSON were married recently in the home of the bride's parents in Amarillo. The couple is living in Houston, where he is attending Baylor Medical college.

* * *

SILBY ELAINE BELL became the bride of Billy Frank Higginbotham in recent ceremonies at the First Methodist church of Chillicothe. The couple is living in Lubbock.



Signal Corps training in the Army was a quick changeover for thirty-four Tech students who had six weeks duty with the Reserve Officer Training corps at Fort Monmouth this summer. ROTC Cadet Zane Tomlinson, left, follows the Signal Corps slogan of "Get the Message Through" as he operates the switchboard, aided by fellow student Joe B. Crank of Whitharral.



On the right, Charles Orren and John Pinson code and decipher messages as their commanding officers look on.

Prof —

As assistant dean of the arts and sciences division, the even-tempered administrator is concerned mainly with freshman students, including the orientation program each fall. This program consists of testing each newcomer so he can be advised about courses he should select the first day of registration.

Aside from his duties as freshman counselor, Dean Wallace teaches two or three courses each semester dealing with nineteenth century U.S. history, particularly

1820-1890 in Texas, the South and Southwest.

This year, the tireless worker was elected president of the West Texas Historical association which collects and publishes works of professionals and laymen in West Texas historical research. He is secretary-treasurer of the Texas Archeological and Paleontological society, chairman of Tech's scholarship committee, vice president of the South Plains Scottish rite club, one of the 21 members of the Texas Commission on Co-ordination in Education established by the Association of Texas colleges.

Membership is held by him in the Texas State Historical associa-

tion, West Texas Museum association and Tech's college catalogue committee.

Articles written by Wallace have been published in the *WTHA Year Book*, the *TAPS Bulletin* and the *THS Handbook Of Texas*.

E. C. Barksdale, professor of history at North Texas Agricultural college in Arlington, and Walter Prescott Webb, professor of history at the University of Texas, called Dr. Wallace's book **Charles Demore, Pioneer Editor and Statesman** which was published in 1943 a "splendid piece of work" and an "incisive, interesting and scholarly biography."

LOOKING FOR A JOB, EXES?

The Placement Service at Tech lists the following openings which have been reported within the past two months:

1. Large Canadian utilities company has positions for engineers and administrative personnel.
 2. City engineers needed by town of over 70,000 population.
 3. Financial institution in large Texas city needs engineers or geologists as assistants to head of department.
 4. Project and design engineers for a manufacturing concern, which is engaged in essential production.
 5. Geophysical company in West Texas needs men with one or two years of college for field work.
 6. Transportation company has openings in engineering department for various types of personnel.
 7. Graduates in engineering and physics who have completed their work in the past five years and are interested in radar research.
 8. Mechanical engineers for design and construction work with East Texas foundry company.
 9. Nationally known oil company needs architectural engineers primarily interested in design and construction of buildings and storage facilities.
 10. Good engineering background and sales ability are qualifications of engineers needed by large electrical supply house.
 11. Engineers and geologists, with experience, interested in geophysics engineering.
 12. Large refining company has openings in various parts of Texas for chemical engineers and mechanical engineers who have an interest in research for defense.
 13. Construction firm which specializes in air field foundation and design work needs engineers for off-continent service.
 14. Surveying corporation needs engineering personnel in good physical condition for positions where the advancement is rapid.
 15. Foreign employment for single men who are engineering graduates and interested in working for a large oil company.
 16. Administrative personnel needed by large manufacturing corporation with headquarters in large Texas city.
 17. Department store in West Texas town of 70,000 people needs salesmen for various lines of merchandise.
 18. Business administration graduates for territory salesmen with business firm which offers a three months training program.
 19. Large oil well supply service has openings for young single men who will be trained for traveling auditors.
 20. Accounting graduates who are interested in bookkeeping positions with lumber supply firm in large town.
 21. Large manufacturing concern in eastern United States needs personnel in auditing department.
 22. Oil well equipment firm which has offices in southern Texas has openings for cost accountants.
- (Mention job number when requesting information.)

For further information, write
THE PLACEMENT SERVICE TEXAS TECH COLLEGE



It won't be long now! ! That Football Season is coming up . . . and with a bang! Here, we give you anything you desire. . . PRIMO McCURRY (left, and TIM HATCH (center), of the old "T" formation along with BUDDY JONES, Freshman Halfback of the new "Split T" school, PETE EDWARDS (seated) Quarterback, and BOBBY HUNT (right) Freshman Guard. Primo and Tim are on our staff here at Hemphill's so you can get most anything here . . . old "T" . . . "Split T" . . . or what have you . . . even a touch of what's new in Sportswear.

Here is Tech Football . . .
past, present, (and future).

Hemphill-Wells Co.