



A PRACTICE HOP FOR THE "HACIENDA HOP."
... Janet Bell and Don Roper warm up for the Friday night dance.

Breeds Talk Closes Beef Cattle Course

Breeders should select beef cattle on the basis of a few traits instead of many, Dr. Ralph M. Durham, said at Tech's beef cattle short course Tuesday.

Speaking before some 60 vocational agriculture teachers, students and farmer-feeders, the Tech animal husbandry department head advocated looking for the few important traits in good beef cattle. The beef cattle short course closed at 4:30 p.m. Wednesday.

"The more traits a breeder looks for, the less attention he can pay to any one trait," said Durham. "The few important traits are gain, feeding efficiency, weaning weight and muscling in the carcass. These are enough bases for selection."

Durham discussed advantages in a cross-breeding program for beef production and capped his talk on cattle breeding with comments on what a breeder faces in changing market trends.

"The breeder generally is behind trends because it is difficult to know what the consumer demands will be," Durham noted. "Is a beef grower to produce what is in demand today, or guess what will be in demand in the future?"

"Because cattle generations are slow in changing, it is difficult for the breeder to establish goals when there are changing market demands from the consumers," he added.

John H. Baumgardner, Tech associate professor of animal husbandry, described basic elements of cattle nutrition for brood cow herds and feed lot operations.

He said that three essentials — Vitamin A, protein and minerals — are variable and highly season-

al in the content of all beef cattle feeds that a brood cow gets. "It presents a real challenge to continually provide a cow herd with the kind of supplement needed to produce healthy calves," he said.

Baumgardner urged those attending the short course to utilize the feeds they grow and market them for the greatest return by using good feed lot management.

"In this way you can sell home-grown feeds for higher than market price, recover and utilize the manure for fertilizer and produce pork behind the feed lot cattle for additional profits," he said.

'Groundbreaking' Set For Four Buildings

July 14 will mark the opening of a series of official "ground-breaking" ceremonies for four new buildings to be erected on the Tech campus.

Master of Ceremonies at all four dedications will be James G. Allen, Dean of Student Life. The program begins at 1:30 p.m.

The new Library, presently under construction, is located immediately west of the Student Union Bldg. and slightly west of the Extension and Speech Bldgs.

This five-story structure will contain 143,000 sq. ft.

A Chemical Engineering Bldg. will be constructed just north of the new Architecture Computer Bldg. This structure will contain two classrooms, a reference room and laboratories for research and experimentation. Floor space will total 19,000 sq. ft.

An Agricultural Plant Sciences Bldg. containing 65,000 sq. ft. will be located across the street from the Veterinary Science Bldg.

A complete meat processing plant will be contained in the

new Meats Laboratory Bldg. due west of the Veterinary Science Bldg.

Completion of these buildings will climax a current \$8,000,000

construction program on this campus. The program is financed by money from state building bonds that were authorized by the state legislature.



GEE, WHAT A PERISCOPE
... One of the many things submerged at Slaton.

Packets Ready Friday

Techsians will have only a fleeting moment to close their books and relax between summer sessions—Tuesday evening.

Registration for the second term will begin at 8 a.m. Wednesday morning following the termination of final examinations at 1 p.m. Tuesday. Classes will then begin promptly at 7:20 Thursday morning.

Registration packets may be picked up at the counter in the Administration Building Foyer Friday.

In addition to the regular Monday through Friday meetings, classes are scheduled for three Saturdays during the second session: July 23, July 30 and August 6.

The second session will extend through August 18.

Turf Brightens View Of Stadium Expansion

Jones Stadium is once again beginning to take on the look of a football arena.

Small tufts of grass are beginning to spread over the new playing field where only a few weeks ago large trucks and shovels were busy scooping out the bowl for the expansion of the stadium.

The expansion which began

Nov. 21, is expected to cost \$1,939,611.11 before the finishing touches are completed. Construction and other payments made to date total \$1,567,252.73, leaving a balance of \$372,358.38, W. H. Butterfield, vice president in charge of development, reports.

"Approximately \$60,000 is now on hand," Butterfield said. "Most of the remainder of the needed funds will be supplied through the sale of seat options on an installment basis."

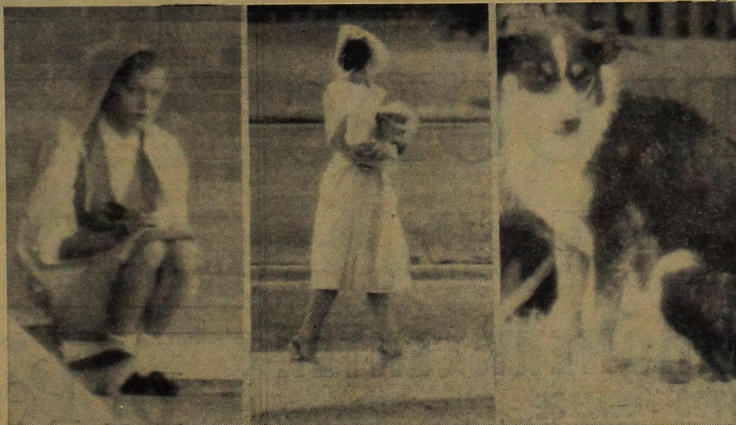
Following the installment plan, a fan may buy two or more seat options by paying 10 per cent down and the balance in 36 monthly payments of equal amounts.

Fans who purchase seat options will be assured a choice seat during the upcoming gridiron battles staged on the new turf as Tech enters the official Southwest Conference competition this fall.

In late June, some 274,000 plugs of grass were set on the playing field. Each plug was two and three-eighths inches in diameter. They were set six inches apart measuring from center to center of each plug.

The grass, known as Tex Turf 10, is an improved, durable type of bermuda. Mark Gosden, superintendent of grounds, reported.

The Tex Turf 10 grows more horizontally than the common bermuda and has a greater root system. It also is softer and denser.



A WET DAY FOR MAN AND BEAST
... Streets and sidewalks were flooded on campus Thursday morning.

Coeds Stress Economy On Vacation

New Mexico Attracts Tech Home Economists

by DAHLIA BRAZELL

Take seven Texas Tech coeds and two enthusiastic counselors, sift in white sands from New Mexico, add scoops of sun and fun, and you have the recipe for a weekend camping trip long to be remembered.

Miss Billie Wolfe and Mrs. Lila Kinchen, school of home economics faculty at Tech, recently took the girls living in the home management house on a weekend vacation from books and classes. Making the trip to White Sands, Cloudercroft, Carlsbad and other points in New Mexico were Ann Gordon, Laura Horn and Brenda Johnson, Lubbock; Judy Dee Pool, Levelland; Betty Jo Tyre, Ralls; Paula Rainey, San Antonio; and Anita Kramer, East Bernard.

"Several of the girls hadn't camped out before and found the experience lots of fun," Miss Wolfe said. "Camping out gave us experience in menu planning and in using our resourcefulness and imagination as well as giving us fun and relaxation.

"As home economists, we were also interested in learning how traveling can be done economi-

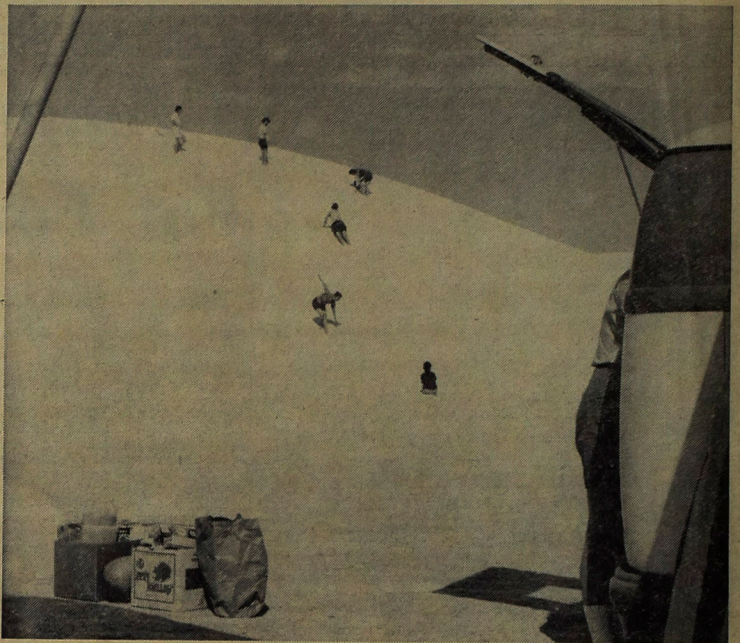
cally, especially with a family."

Traveling in an "Autel," a car especially made for camping by the Volkswagen Co., the girls had the advantage of having a built-in propane stove, icebox and a table which makes into a bed. The combination automobile-hotel also has a tent which can be attached to give more shaded area.

Proving that you can't really get completely away from civilization, the girls were awakened one morning by an air force helicopter which landed at their supposedly isolated campsite. The helicopter was part of a search party hunting two lost 10-year-old boys.

The girls laugh about their "automatic dishwasher" one of the time-saving devices they found fun to use. They put water and detergent into a deep plastic waste basket and stored it away. By the time they had traveled to their next campsite, the dishes had washed themselves, leaving only the task of rinsing the dishes and putting them away.

"A time and expense saving trick with plates is to cover them with wax paper while in use, then the paper can be thrown away, leaving the plates still clean. This is especially helpful when the supply of plates is low or there is little time to wash them before the next meal," Miss Wolfe relates.



A STEEP CLIMB ON SHIFTING SANDS
... Home economists frolic in the dunes at White Sands.

The girls found nylon sheets very convenient for camping out because they can be washed and dried in a short time.

To avoid frantic searching for all the ingredients planned to be used in preparing a meal, the time conscious coeds found that packing food according to the menus was very useful. Left-over commodities were moved to the box containing items for the next menu. Perishables were placed in the icebox in the same way.

Despite sand and sun the girls enjoyed their meals out in the open spaces. One of the campers' favorite dishes was hamburger patties prepared with an oatmeal extender and stored in the icebox. Breakfast usually consisted of broiled sausage with eggs.

The economy-minded campers were pleased to find that they spent only 82-cents per day for each girl. Transportation expense for the round-trip of nearly 900 miles was only \$3.45 for each of the seven girls.

"We proved to ourselves that campers can eat well balanced meals and be clean and comfortable. It's really surprising what can be done with less than the usual home comforts," Miss Wolfe says.



THE VERSITAL COOKS
... Ann Gordon and Paula Rainey prepare a modern camp meal.

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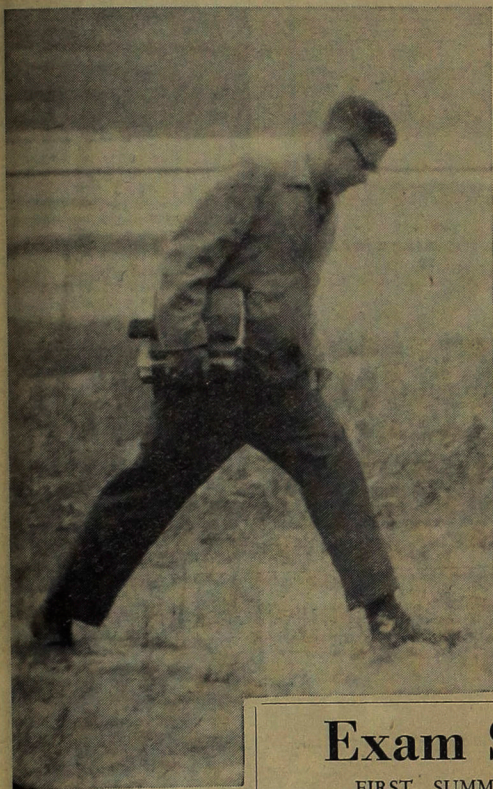
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THE LONG STRETCH
... Unidentified student makes like a stork as water rises.

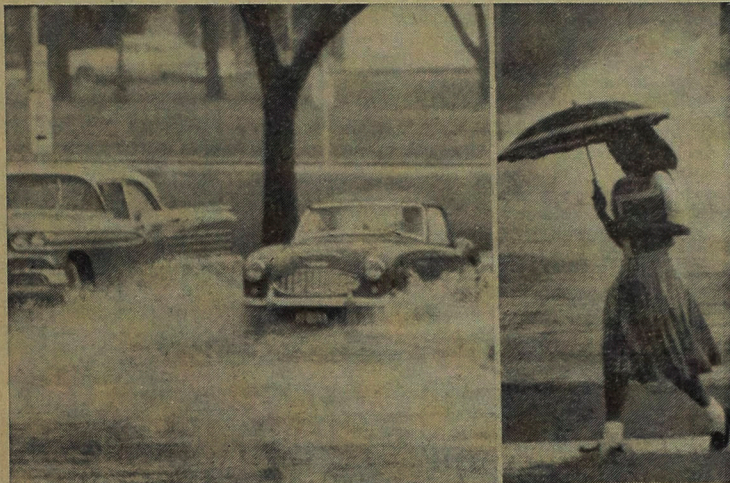
Rain, Rain and more Rain has been the byword around Tech since classes resumed after the 4th. Students have been trapped more than once and have had to wade from class to class in the 4 and one-half inch blanket of water.

Parts of Lubbock county have been harder hit this week than in the last 20 years, with Slaton area receiving 12.40 inches since Monday.

At least 18 families have had to leave their homes with 4 feet of water being reported in them. The water is still up to the door knobs

in some of the houses in the Northwest corner of the city.

Many cars are stranded with the water up to the windshields and steering wheels. More light rain has been forecast for today, with cloudy and cool temperatures. The low reading Wednesday was 64 in Lubbock.



WHO WANTS TO KEEP DRY.
... If water didn't flood the cars, they soured the pedestrians around the circle Thursday morning.

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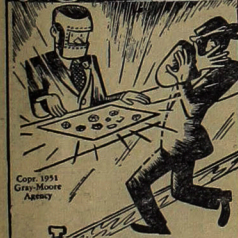
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Exam Schedule

FIRST SUMMER TERM, 1960

Class meeting time	Examination time
MONDAY, July 11.	
7:20-8:50 a.m.	7:30-10 a.m.
3-4:30 p.m.	10:30-1 p.m.
10:40-12:10 p.m.	1:30-4 p.m.
TUESDAY, July 12.	
9-10:30 a.m.	7:30-10 a.m.
1:20-2:50 p.m.	10:30-1 p.m.

Requested changes in the schedule of individuals will be considered by the dean of the schools in which the student is registered.

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The Toreador is financed by a student services fee, advertising and subscriptions. Letters to the editor and columns represent the views of their writers and not necessarily those of the Toreador. Letters must be signed, but may be published with initials in justifiable instances. The views of the Toreador are in no way to be construed as necessarily those of the administration. Entered as second class matter at the Post Office in Lubbock, Texas, under the act of March 3, 1879.

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AT TECH

Where Money Goes

by H. T. BARNES

(EDITOR'S NOTE: This is the third in a series of three articles on the way money is spent in running the college. This article is attempting to show expenses encountered in various campus departments and organizations.

NOTICE: The figures quoted in the beginning of the previous article were dormitory operating expenses only and did not include \$615,442.34 required for the retirement of bonded indebtedness as may be found in the 1959 annual college financial report. Also, the reference to a new rate scale for the residence halls was not intended to imply that there would be a change in the basic charge for each student during the semester. There will be only a re-distribution of the total fee per semester over the months involved. This move is calculated to be an advantage to the students.)

In a special report prepared for James L. Lindsey, member of the Tech Board of Directors, by the office of M. L. Pennington, vice president and comptroller, it was noted that Tech is one of the largest colleges in the nation when speaking of campus area.

Tech covers 1,844 acres, has 178 buildings (74 of which are permanent), and is valued at \$32,775,383.55—the original cost.

Last year \$5,589,809.46 went to a total of 1820 employees. A total of \$14,319,461.43 was expended through the 1102 separate accounts in the auditor's office.

Telephone service cost the college the sum of \$59,575.32. Enough electricity was used to keep the stadium lights burning around the clock for one year. This cost \$96,244.60.

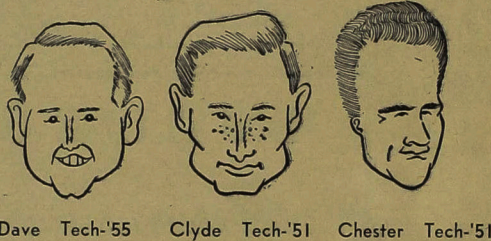
Gas used by the college would have served 3,000 average Lubbock families for one year and cost a total of \$50,259.42. Water used on the campus cost \$46,189.74 and was enough to float fifteen aircraft carriers like the Forrestal or the Saratoga.

Last year, \$281,124.64 was spent in maintaining and operating the Library. Another \$49,386.52 went into the maintenance and operation of the Museum, according to 1959 annual financial report of the college.

From all these facts it can only be concluded that a college is in many respects like a big business. It has its stockholders, the students; and citizens of Texas; its board of directors; its management, the administration and other employees, and last but not least its government, to which it must answer on matters of finance.

With all due respect to Abraham Lincoln the actions of a college might be summed up thus:

"You can please all of the people some of the time, and some of the people all of the time. But, you can't please all of the people all of the time."



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Ford and Chevrolet sold the greatest number with 1,405,031 and 1,371,472 respectively. These are both nearly a million sales above the closest competitors, Plymouth and Pontiac, both of which are in the 381,000 bracket.

These range from such a booming high to a startling low of 18,484 by the Chrysler Imperial.

A random sampling of the figures would read something like this

Chevrolet	1,371,472
Ford	1,405,031
Plymouth	381,310
Mercury	157,830
Dodge	167,040
Buick	245,580
Cadillac	135,113
Desoto	42,399
Lincoln	28,803
Oldsmobile	360,008

General Motors took top honors of sales last year with 2,583,532 over second place Ford Motor Co. with 1,695,816.

Name Confuses Tech Coed

A short time ago, a Tech coed entered the Library in search of a biography of a man named Tottle. After a futile search, she turned to the librarian who was assisting her and said:

"If it would help any, I think his first name was Aris."

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