III.

become just that over the semester break.

An A&M researcher believes en-

vironmental control in agriculture doesn't have to be costly, and has

the statistics to support the be-

Dr. Ronald D. Lacewell, Texas

Agricultural Experiment Station,

has found that a tax on environ-

ment polluting chemicals, as well

as a marketing quota farm pro-

gram, will not only reduce the

use of these chemicals in agricul-

ture, but may even mean more

According to Lacewell, also an

economist with the Department

of Agricultural Economics and

Rural Sociology, a combination of

ricultural pollution and have the

side benefit of minimizing the

The study took place in a five-

county area of the Northern High

Plains of Texas where the pri-

mary agricultural crops are grain

sorghum and wheat. Factors such

as amounts of nitrogen, herbi-

cides and acreage were included in

a computer program model. The

acreage for each crop was further

broken down into dry and irri-

Lacewell, and William R.

the same department, showed that

2.4-D, a pesticide, from \$.52 per

economic strain on the farmer.

profit to the farmer.

"Do you remember which dorm we were living in before

Pedestrians

A&M is to become a pedestrian campus, it came as somewhat of a

surprise to most students when they returned and found that it had

over campus; no, instead they just went and put a hole anywhere you

of the main streets on campus, thereby making it difficult to do any-

thing like go from the Chemistry building to the Memorial Student

ecology, progress, motherhood and apple pie, but it sure is a pain.

Environmental controls

needn't cost: researcher

might want to drive and quite a few places you want to walk.

Center without having to go to North Gate to get there.

Though the administration has been saying for a long time that

This is not to say that spacious, tree lined malls have appeared all

The problem is that they decided to put the holes in the middle

It's hard to criticize this work, being on the level of good for the

to tax) would decrease its use by

half. The net loss of agricultural

income in that area would be less

Under a marketing farm quota

program, a limit would be placed

on the size of crop which could

be placed on the market. At the

same time, the limitations on

acreage worked would be lifted

under the theory that idle land

would be used instead of chemi-

cals in a limited space. Maximum

production could be maintained in

Using present production fig-

ures as the maximum for the

area, the A&M researchers cal-

culated over a five percent increase in net income with a large

decrease in the use of nitrogen.

a fertilizer, and a less significant

marketing quota program would

have its greatest effect on fertil-

izer use while a tax would be

set up to affect the use of a

He added that important im-

plications haven't been considered

due to the small area of the study.

Included may be varied produc-

tion patterns for different re-

"This study is intended to serve

Che Battalion

gions and the effect of time on

sive analyses that consider these

Lacewell suggested that the

decrease in 2,4-D.

particular pesticide.

Masch, formerly a researcher in the quantities of chemicals used.

a price increase in the chemical as a basis for more comprehen-

pound to \$2.26 per pound (due other questions," Lacewell said.

this manner at less expense.

than half a percent.

Some one planted a tree in the ashes of the recent bonfire.

Some one wrote an article for The Battalion in which it was stated that the first log bonfire was built and burned in 1951. There is a wide range of opinion as to the worthwhileness of this tradition. Mr. Langford, the University Archivist, has asked me to give you the following information about the history of the

Back in the fall of 1920, as one

#### Bulletin Board

Tonight

Wheelmen will meet at 7:30 in room 002 of the Services build-

Ag Eco Club will meet in room 112 of the Plant Sciences building at 7:30.

Thursday Cepheid Variable will meet in

the physics building at 7:30. Williamson HTC will meet at the Memorial Student Center at 8. Pictures will be made.

# Fake meteors being created on campus

A two-stage hydrogen gun which fires tiny balls of metal, glass or plastic to simulate meteor impact was fired for the first time last week.

The miniature meteorite range gun measures 14 feet and is a gift from NASA to the College of Engineering as part of a grant.

The gun will be used, according to Dr. James L. Rand, associate professor of aerospace engineering, to "simulate the effect of a meteor impact on various objects and surfaces such as the moon or space crafts."

The tiny ball travels approximately 17,000 feet per second (12,000 miles per hour) and researchers hope to increase that speed, said Dr. Rand.

The gun is powered by the compression of hydrogen in the first stage. This gas is then used to push the artificial meteor into a target. The target used was a half inch aluminum plate. The tiny ball bore a hole in the plate.

NASA has already given \$23,-000 this year as part of the

# students

(Continued from page 1) ial will follow in Mount Olivet Cemetery, under the direction of Jack H. Rowe Funeral Home, League City.

Hjornevik is survived by his parents, Mr. and Mrs. Wesly L. Hjornevik of Reston, Va.; four brothers, David of San Marcos and Daniel, Douglas and D. Quincey, all of Reston; paternal grandparents, Mr. and Mrs. Simon Hjornevik of Moorehead, Minn., and maternal grandparents, Mr. and Mrs. Martin Ostby of Seattle,

Hjornevik received his bachelor's degree from A&M and was completing requirements for a master's degree.

Department, I witnessed my first bonfire. It was a well aged tradition at that time. It was made up of community trash, boxes etc. that the merchants stored for the pick-up week preceding the bonfire, the wood piles of all the professors and every piece of loose wood and much that was not loose which was on or near the campus. The students particularly transported the one or more holer back yard outhouses, of which there were a great many in those days, to add to the bonfire. All of these materials were quickly combustible, even though the pile might be quite large the fire seldom outlasted the speechmaking. The students had a big time. Yes, those were the great times? Please note the question mark. The College had 1700 students. The spirit was great. We had not been scored on in football for the past two seasons and went to the last game that year before a single touchdown was scored on our team. The bonfire was well on its way. It continued to be built in a similar manner for the next 15 years. The students were 100% for continuing this type of bonfire and were very unhappy when the present log bonfire was

In the summer of 1935, Dr. T. O. Walton, the College President, asked me to take the job of Commandant and Dean of Men. During the building of the bonfire my ideas about the bonfire, as a coach, began to take on a different slant in my new assignment. The morning following the 1935 bonfire, a very irate farmer came to my office to say that the boys had carried off his log barn, lock, stock and barrel. He demanded payment for the barn. We assessed each company and battery for enough to pay the man. There were many other complaints for less raids and it was evident to me that something should be done about this tradition. Jurisdiction in this case rested with those who planted the tree. the office of the commandant.

forced upon them.

Prior to the time when the 1936 bonfire would be built, we issued lowed to collect bonfire materials or place them on the bonfire other than authorized personnel, and that the manner of building a legal bonfire would be under the direction of the commandant. This made the student body very unhappy, but being boys of an earlier generation, they figured that those in positions of responsibility should call the shots.

At that time there were many dead trees in the wooded area between the railroad and Easterwood airport. I got permission to cut and remove these dead trees to construct the 1936 bonfire. It was then when the first log and legal bonfire was built. The manner of building was as follows: an agency of the college furnished saws and axes and a couple of trucks. I personally marched the "bull ring" to the spot and took my turn at the saw. The sophomores and freshmen had a good time and thought it was "good bull". In a manner an old tradition was ended and another one was begun. I have mixed emotions about the present bonfire situation. The first log bonfire was not large but was large enough to get the job done. I think it is silly to strive each year to make it bigger than ever before. The work group has increased in size from the small disciplinary bull ring of the past to an annual bonfire which seems to breed a wide degree of for or against opinion, with great numbers involved.

As a coach, I thought most of A&M's traditions were good. As Commandant, I thought many of them were bad, and managed to get rid of a few of those that kept the enrollment down.

As an oldtimer, I'll line up with my side of the generation gap. Many aspects of building the bonfire contribute to making a closer knit association among the students. I can't like a bonfire which destroys trees. Thanks to

Frank G. Anderson Former A&M Coach and Commandant

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