

(Staff photo by Duane A. Laverty

Cory Davis, 13, takes a refreshing drink while riding his bicycle near Central Park during the recent warm spring weather. The warm weather, however, turned to rain this

morning — a welcome sight for many following the dry winter. Cory is the son of Gordon and Cathy Davis of Pampa.

### **City Commission to meet Tuesday**

Pampa city commissioners spreaders for the municipal golf will meet in regular session Tuesday evening at 6 p.m. in City Hall.

The meeting will be preceded by a work session at 4 p.m.

Among the items of new business on the agenda for the regular meeting are the consideration of the All-American City application and adoption of a resolution relative to the appointment of a coordinator for the joint emergency plan.

The city is also recommending the commission accept a bid of \$27,181.70 from Scott's Pro Turf for turf fertilizer, fungicide and

course The city is planning to start

planting grass seed at the course during the month of April, according to city officials. Commissioners will also con-

sider adoption of a resolution relative to transferring municipal functions to the county for maintenance of birth and death records

During the work session, commissioners will continue to discuss what to do with three wading pools in the city parks that have proven to be an insurance liability.

They will also discuss grant ap-

plications for Recreation Park and a softball concession bid.

John Williams, general manager and secretary treasurer of the Canadian River Municipal Water Authority, will also address the commission on a plan to reduce the sa' content in Lake Meredith.

The plan Williams is proposing on behalf of the CRMWA includes the drilling of a well or wells into the shallow brine artesian aquifer and pumping from those wells to reduce the artesian pressure.

No action is scheduled for any of the items addressed in the work session.

land

As in the past, the changes in the Texas coastline will be caused by events in the Antarctic, Rice University geologist Dr. John Anderson said.

We've had these very rapid rises in sea level long before there was a greenhouse effect," Anderson told The Dallas Morning News.

Anderson said he has evidence that a similar event occurred along the upper Texas coast about 6,000 years ago. Seismic work and core sampling of the sea bottom from a university-owned ship show that the coast at Galveston moved as much as 20 miles inland within 1,000 years, and it could have happened within as little as 200 years, Anderson said.

"We can tell it happens pretty fast because there's nothing in the way of a coastal barrier between Sabine Bank and the present shoreline," Anderson said. Sabine Bank is about 20 miles offshore under 30 feet of water.

The traditional view has been that sea level climbed slowly, that Galveston Bay filled inch by inch over thousands of years. The water was provided by the slow retreat, or melting, of the world's ice sheets — in the Arctic, where the bulk of ice that could affect sea level is now gone, and the Antarctic, where considerable ice remains.

Anderson has gathered evidence in the Antarctic

Underwater sandbanks off the Texas coast ancient barrier islands that were submerged virtually intact rather than eroded - indicate sea level at times has risen rapidly, not slowly, Anderson said

Other scientists have found similar evidence of rapid rise in sea level elsewhere, he said.

'There's enough unstable Antarctic ice now to raise sea level ... 30 feet," Anderson said.

A rise of just 10 feet would submerge most of Galveston Island and would move the Gulf Coast inland as far as Texas City and Port Arthur, according to U.S. Geological Survey maps. A rise of 30 feet would cause Galveston to disappear and the coast to move even farther inland.

Mean sea level on tidal gauges along the Texas coast has risen one foot in the past 100 years, but 90 percent of that change is due to subsidence. Anderson said. The possibility of a faster rise in sea level is another reason to consider stronger regulation of coastal development, he said.

Dr. Bob Morton, senior research scientist at the University of Texas Bureau of Economic Geology, agreed that more regulation is needed

Morton cited the increased threat of storm flooding in low areas, but said that ultimately portions of the Gulf Intracoastal Waterway, farmland and man-made structures could be permanently inundated

#### when oil tanker ran aground Uncertified crewman

#### **By SUSAN GALLAGHER Associated Press Writer**

VALDEZ, Alaska (AP) — The captain was in his cabin and a crewman without proper certification was in command when an Exxon tanker ran aground. causing the nation's biggest oil spill, the company said.

"It's Exxon's policy that in the waters that the ship was located in, the captain should have been on the bridge," Exxon Shipping Co. spokesman Brian Dunphy said Sunday. "There's a problem there in that he was not there."

Dunphy said he didn't know why Capt. Joseph Hazelwood wasn't in command when the Exxon Valdez slammed into a reef early Friday, sending an estimated 10.1 million gallons of crude oil into Prince William Sound. He said the captain was consulting an attorney.

Alaska's governor on Sunday declared the wildlife-rich sound a

a

disaster area and said he would seek federal funds to help with the spill, which the Coast Guard estimates has affected about 100 square miles. Oil has washed up on two islands, and sightings were reported of dozens of crudecoated birds.

Also Sunday, officials said the government authorized use of chemicals and fire to combat the massive slick.

**Exxon Shipping President** Frank Iarossi said officials planned to use a C-130 aircraft today to spray chemicals to disperse patches of oil in a 5-square-mile area of the sound. The company also planned to burn "fingers" of the slick by igniting them with a laser.

"The volume of oil released in the water is, for all intents and purposes, beyond control by mechanical means alone," Iarossi said.

At the time of the disaster Friday, third mate Gregory Cousins was in command and his actions violated federal regulations, said company spokeswoman Sharon Curran-Wescott.

"He didn't have a proper pilot's license for that. He wasn't authorized by the company, nor was it legal," she said.

**Neither Hazelwood nor Cousins** could be located in Valdez by The Associated Press for comment.

**The National Transportation** Safety Board took over the investigation Sunday, one day after issuing subpoenas for Hazelwood, Cousins and helmsman Robert Kagan, the third member of the bridge crew. Results of routine drug and alcohol tests administered to the three weren't immediately available, officials said.

Hazelwood was relieved of his command, but to give him rest, not as a disciplinary measure. officials said.

The 987-foot tanker Exxon Valdez, carrying 1.2 million barrels

of North Slope crude oil, ran onto a reef 25 miles from port early Friday after swinging out of a traffic lane to avoid ice. Valdez is at the southern end of the 800-mile Alaska oil pipeline.

Estimates put the spill at 240,000 barrels of oil, or about 10.1 million gallons, making it the biggest U.S. spill on record. The only larger oil-related accident in U.S. waters involved 10.7 million gallons of oil when two ships collided in Galveston Bay in 1979, but that oil burned as well as spilled.

Gov. Steve Cowper declared the sound a disaster area, freeing state resources for cleanup and paving the way for a federal disaster declaration.

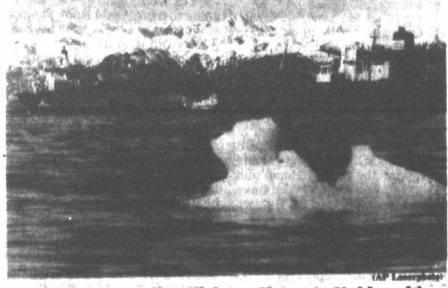
A wildlife specialist toured the sound and observed 75 ducks and two otters coated with oil, said **U.S. Department of Interior** spokeswoman Pamela Bergmann

A station was set up to clean birds, and a mammal-cleaning I want of the state of the state

station also was planned. More than four miles of floating boom has been placed in an effort to contain the oil, the Coast Guard said. Skimming boats worked to

remove the oil

The transfer to a second ship of oil remaining aboard the Valdez resumed during the weekend. and the Coast Guard said it could take seven days to unload the damaged vessel.



Tankers pump oil spill from Exxon's Valdez ship.



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# Viewpoints

### The Pampa News

EVER STRIVING FOR THE TOP O' TEXAS TO BE AN EVEN BETTER PLACE TO LIVE

Let Peace Begin With Me

Larry D. Hollis

Managing Editor

This newspaper is dedicated to furnishing information to our readers so that they can better promote and preserve their own freedom and encourage others to see its blessings. Only when man understands freedom and is free to control himself and all he possesses can he develop to his utmost capabilities.

We believe that freedom is a gift from God and not a political grant from government, and that men have the right to take moral action to preserve their life and property for themselves and others.

Freedom is neither license nor anarchy. It is control and sovereignty of oneself, no more, no less. It is, thus, consistent with the coveting commandment

Louise Fletcher	
Publisher	
Publisher	

### Opinion

### **President stood up** to the big spenders

Last year congressional Democrats hornswoggled Ronald Reagan into creating the National Economic Commission. It was supposed to find ways to reduce the federal budget deficit. But at first it was stacked with such big-government, high-tax advocates as Chrysler Chairman Lee Iacocca, AFL-CIO boss Lane Kirkland, Sen. Daniel Patrick Moynihan and former Democratic National Chairman Robert Strauss. Their "solution" was not hard to guess: more taxes.

Happily, President Bush refused to be ambushed. By last year's agreement he got to pick two members of the panel, and chose former Sen. Paul Laxalt and former Democratic Rep. Thomas Ashley, both anti-taxers. Bush also insisted he would ignore any call by the panel for a tax increase.

The result was a division on the NEC that resulted in two conflicting reports, issued yesterday. Seven members produced a majority report backing Bush's no-new-taxes pledge and his call for a cut in the capital-gains tax. They also recommended streamlining congressional budget committees, giving the president the line-item veto, adopting a twoyear budget process and amending the Constitution to require a balanced budget.

The minority report was concocted by the six members allied to the Democratic leadership in Congress. They attacked Bush for sabotaging the panel's efforts. In other words, they were upset that Bush didn't let them call for increasing taxes **Rep.** William H. Gray, the former House Budget Committee chairman: "The president didn't want a bipartisan deficit-reduction plan. He wanted his own plan, the flexible freeze, and he insisted on it from Republican members." The flexible freeze is Bush's policy of increasing spending only as fast as inflation rises; it allows economic growth to reduce the deficit gradually There was another victory for taxpayers. The six minority members criticized Bush's flexible freeze, but they also refused to call for new taxes. Even the big spenders now realize that Americans don't want higher taxes. And so far Bush hasn't fallen into the flim-flam that big spenders lured Reagan into at least 10 times: support for a tax increase in return for "promised" spending reductions.

# Kafka could have written this

WASHINGTON — In Franz Kafka's chilling novel The Trial, an obscure bank clerk awakens one morning to learn that he has been accused of crime. What crime? It is forbidden to tell him. Who is his accuser? That too is unknowable. All Joseph K. can learn is that at some time, before some tribunal, he must stand trial for an undescribed crime he knows nothing about.

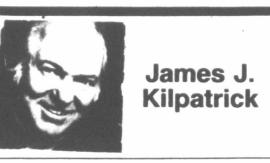
For the past five years, unidentified officials in the federal bureaucracy have been working on an extensive order that Kafka might have drafted. Under this proposed decree, a federal employee could be denied a security clearance without an explanation and with no right to obtain an explanation.

Fortuntely, this bizarre proposal now has been put on hold for at least six months of reconsideration. President Bush, one is told, "may never issue the thing at all." Surely this is good news for those who believe in certain elementary principles of fair play and due process of law

A nearly final draft of the proposed order was leaked in February to The New York Times and The Washington Post. These news accounts prompted a House subcommittee to hold hearings on the matter.

On March 20, five members of the committee united in a bipartisan letter to the president, asking his assurance that the order would not be issued in its present form. The following day brought word that nothing will happen any time soon. A sigh of relief is in order.

At the root of this affair is a problem that has troubled administrations since the days of John Adams and the Sedition Act. We begin with the undeniable proposition that government has a right to keep certain secrets. The Constitution



itself grants to the houses of Congress a right to withhold information; Congress is to publish its proceedings "excepting such parts as may in their judgment require secrecy." The Senate held just such a secret session the other day in the matter of Judge Alcee Hastings.

The people have a right to know a great deal about what goes on in the chambers of government, but the people have no right to know everything. They have no right, by way of example, to know the keys to military and diplomatic codes. They have no right to a transcript of Cabinet meetings. They have no right to attend the private deliberations of the Supreme Court.

If secrets are to be kept inviolate, persons with access to confidential information must be cleared. Within every agency, some human beings must be assigned responsibility for granting or denying clearances. In this process mistakes will be made: The master spy John Walker had full clearance for naval encoding machines. He did incalculable harm.

Under existing rules, each federal agency establishes its own procedures for security clearance. In 1960, president Eisenhower isued an order governing clearance for employees of

government contractors. Generally speaking, a person who is denied clearance now has a right to demand an explanation and to offer evidence in rebuttal

The proposed executive order would have made fundamental changes in the present arrangement. In the area of national security, every department head would be granted "wholly discretionary" power to grant or to deny/Applicants for clearance would have "substantive or procedural rights or privileges" to obtain an explanation. In certain instances, applicants could be required to submit to polygraph or lie-detector examinations, but they would not be entitled to know the results

The draft order would authorize denial of clearance to any person found to have "exploitable vulnerabilities," by reason of alcohol or drug abuse or sexual misconduct, but again, the subject would not know of such a finding.

Applicants could be rejected upon a decision that they had failed to demonstrate "unquestioned loyalty to the United States." They would have no access to the information, true or false, on which so fateful a decision was based.

A person who is denied security clearance, or whose clearance is revoked, is stigmatized for life. Granted, the government has an obligation to grant clearances carefully - one John Walker was one too many - but our traditions demand a certain respect for due process of law. Those who would serve their country in sensitive positions must be protected against bureaucratic caprice or personal malice.

The draft order has been shelved, at least for the time being. Its Kafkaesque provisions ought to shelved for good.



The NEC was a waste of money. But it could have been worse, leading to billions in higher taxes. And one thing was accomplished. It showed Bush that he can defeat the tax-raisers by standing up to them.

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# An altered gem is still a gem

When you bring out the color of beautiful wood with an overcoat of wax and varnish, is this "misrepresentation"? Assuredly not. Similarly most leathers, furs and fibers are

"treated" in one way or another. Yet, most of us have been led to expect fine

gemstones to be unaltered. Very few are.

Heating creates desirable color changes in sapphires, rubies, aquamarine, tanzanite, citrine, topaz and zircon.

Irradiation — a peaceful use of atomic energy — can change the color of diamonds to fancy pinks and blues and yellows.

Almost all "pink pearls" are dyed that color. There is an extremely rare pearl that is naturally pink that comes from the waters of the Tay River in Scotland.

Cultured pearls are nearly all immersed in a light pink dye to give them a rose tint and to make it easier to match colors.

Lapis, jade and coral are nearly all dyed to ensure uniform coloring. Black onyx and carnelian are most often "manufactured" rather than mined.

The logical question arising from all of this is: Why buy a so-called "genuine" stone when an equally beautiful man-made stone (cubic zirconia) is available at a fraction of the price?

A trusted jeweler friend explained the difference like this:

"Given a choice between a painting by Rembrandt and a precise copy, you would still prefer to possess the original.

Then, however, the next questions becomes: "What if the original Rembrandt has been retouched?"

Paul Harvey

Can you tell when a gemstone has been altered?

In some instances, even the experts can't tell. Rubies and sapphires can be heat-treated – even to alter imperfections: At lest nine different processes can be employed, sometimes simultaneously. And some of these treatment methods correspond so closely to natural processes that they may leave no identifiable evidence

One New York laboratory encountered what may be a new high in potential deception. A round, brilliant-cut cubic zirconia was found with a laser hole that reflected in several pavilion facets. At least one licensed appraiser was fooled into thinking he was examining a diamond

When a New York diamond dealer decided to repolish a fancy orange marquise diamond because of the myriad odd scratches on the pavilion, he was hardly prepared for the result: The stone lost all orange color and proved to be faint yellow. The stone had been "painted."

Currently, there are no routine gemological tests available that can definitely determine whether the color of the topaz is natural or the

result of treatment.

Topaz occurs naturally in a wide range of colors; sometimes it's colorless.

For generations the color grading of diamonds depended on unreliable human eyesight. Today diamonds are graded by machine, eliminating subjective comparison. But even spectroscopic instrumentation cannot entirely accomodate the color absorbency of different stones.

The diamonds you buy today are more artfully faceted. We have learned how to flatten prismatic surfaces of diamonds to achieve maximum "brilliance."

By comparison, the old "mine-cut stone" and the more recent "European cut" have less internal "fire."

But we have now gone beyond the artful reshaping of diamonds to face-lifting them electronically.

Laser technology can actually "whiten" an internal "black spot" in a diamond.

Further, General Electric has now created "real" diamonds in its laboratories - flawless, colorless - as well as colored - diamonds of one carat and more.

So far, however, the cost of "diamond manufacture" is prohibitive.

So far.

DeBeers is working with GE to make mass production possible. This, accomplished, would reduce the price of a cut and polished diamond to \$1,000 a carat.

There ought to be a law? There is.

The FTC guidelines are the industry's "10 commandments.

# Now's the time to turn to Jim

#### **By WILLIAM A. RUSHER**

And now, as another of Washington's incredibly lovely springs begins, attention turns from John Tower to James Wright, and we shall soon learn whether there is to be one law for the Medes and another for the Persians - or, to drop the metaphor, whether the congressional Democrats are willing to apply to themselves the high standards they have been imposing lately on the Republicans.

They're quite a stiff-necked bunch. these Democrats, where Republicans are concerned. Judge Robert Bork had, concededly, one of the finest minds in the entire federal judiciary; but he differed with Sens. Edward Kennedy and Howard Metzenbaum on various fine points of constitutional interpretation, so his nomination by President Reagan to membership on the Supreme Court was rejected by the Democratic Senate.

And, under the Ethics in Government Act, a small army of high Republican officials in the executive branch, including such close Reagan

confidants as Mike Deaver and Lyn Nofziger, were turned over to the tender mercies of special prosecutors for the alleged commission of acts which that law defines as crimes unless they were committed by a congressman, in which case they are perfectly legal.

Ed Meese was actually subjected to the attentions of special prosecutors twice, though both concluded that he had committed no crimes whatever. Oliver North and John Poindexter. with the main charges against both of them already dismissed, are still being crucified by yet another special prosecutor on a string of lesser counts

Finally, as we know, John Tower was forced to walk the plank as secretary-designate of defense. The accusations of "womanizing" were substantially dropped; the charges of alcoholism went thataway when Tower calmly offered to stop drinking altogether if confirmed. So the Senate wound up rejecting him mostly though it's hard to be sure - on the theory that he had made too much money in the private sector, as a consultant to defense industries, to be trusted now as defense secretary.

Now let's see how the Democrats treat one of their own good ol' boys. Speaker James Wright hasn't (yet) had to face a special prosecutor, though the House Ethics Committee. whose Democratic members are Wright appointees, did hire an outside counsel to look into the charges against him. The counsel's report has been submitted to the committee, which is now deciding what, if anything, to do about it. Unlike the FBI's reports to the Senate Armed Services Committee on John Tower, no damaging drop of information in it has yet been leaked to the media.

But if counsel did his job, the report must be a doozy. Wright was up to his ears in favors for Texas savings and loan institutions years before they collapsed, and the cost was pass along to America's taxpayers. He invented ways of getting cash from lobbyists that deserve the equivalent of a chess tournament's brilliancy prize.

What the Wright case cries out for, though, is a special prosecutor - a steely-eyed investigator with an ample staff and budget and all the time in the world to look into the life and activities of Jim Wright. The proposal is not only fair; it isn't even unprecedented. The criminal division of the Justice Department has already asked Attorney General Richard Thornburgh to name a special prosecutor to investigate the appointment, by District of Columbia Delegate Walter Fauntroy, of the son of Illinois Congressman Gus Savage to a sinecure in Fauntroy's office.

Interestingly, the House Democrats, most of whom are not overly fond of Jim Wright, probably wouldn't mind seeing him step down as speaker, as he would certainly have to do while the investigation went forward. His successor would be House Majority Leader Tom Foley, who is widely liked and respected on both sides of the aisle. © 1969 NEWSPAPER ENTERPRISE ASSN.





# NRA members load up as gun sales curbs heat up again

#### **By MIKE ROBINSON Associated Press Writer**

WASHINGTON (AP) - The National Rifle Association, traditional heart, soul and bankroll of the nation's gun lobby, is digging in for a test of its vaunted political power amid rising pressure to curb sales of assault weapons.

"When less than half the convicted felons ever spend a day in jail, why should we be taking firearms away from law-abiding people?" declares James Jay Baker, federal affairs director for the 118-year old NRA

Demands for restrictions on military-style, semiautomatic firearms are escalating, however, in the aftermath of the Stockton, Calif., schoolyard tragedy Jan. 17 in which a deranged gunman with an assault rifle left five youngsters dead and 30 other persons injured.

So intense is the clamor that, as often as the NRA has crushed or blunted gun control bills in the past, many doubt that it can prevail this time with its strategy of blaming the murder wave sweeping cocaine-ridden communities not on firearms but "our crumbling criminal justice system."

"We're certainly going to try," says lobbyist Baker.

Even Rep. Barney Frank, D-Mass., who urged Democrats to softpedal the gun issue after the 1988 election, says public opinion is ripe for action on semiautomatics. "I think the NRA is stubbing its toe here," he says. "The appearance of being unwilling to deal with assault rifles has hurt them."

From its modern headquarters on Rhode Island Avenue in downtown Washington, a few blocks from the White House, the NRA deploys lobbyists to Capitol Hill and statehouses across the nation, provides generous campaign contributions to its political friends and generates tons of literature to fill the mailboxes of America's gun enthusiasts. With annual revenues of \$70 million and a staff of 365 employees, including 65 in its lobbying department, the NRA is well equipped to fight its political battles. It also has powerful friends. President Bush is a member. And its roots go deep in the fabric of American life.

Last year, the NRA got the House to shelve a proposed seven-day waiting period for would-be gun buyers. Failure of the bill named for former presidential spokesman James Brady, brain damaged in the 1981 attempt on President Reagan, spurred Brady's wife to urge readers in full-page magazine ads to help "break the NRA's death grip on Congress.

The real secret of the NRA's power has long been its ability to mobilize hundreds of thousands of gun owners across the nation to write and telephone lawmakers. "Please open immediately. Legislative alert," trumpets a mailing that went to Virginia gun owners in February.

It warns of an impending bill in Richmond in which "the anti-gunners ... have launched an allout attack on semiautomatic firearms in line with their goal of banning all firearms.'

"Your immediate action is needed to defeat this dangerous bill," it says. But the General Assembly nevertheless approved the measure calling for a background check of would-be gun buyers. California lawmakers are expected to pass a more stringent measure and bills are pending in Connecticut, Florida, Illinois, Maryland, Minnesota New Jersey, New York, Rhode Island and Texas

A number of cities, including Los Angeles and Cleveland, also have approved restrictions on semiautomatic weapons. And on Sunday, the International Association of Chiefs of Policeannounced its opposition to the public sale and distribution of the guns.

The chain reaction has led to a further question of NRA power. "The NRA is being forced increasingly to the fringes of this debate," says Dr. Garen Wintemute of Sacramento, Calif., who treated AK-47 assault rifle wounds as a doctor in a Cambodian jungle hospital in 1981. On coming home, he was shocked to find the same AK-47 wounds in the United States.

"More and more people are willing to come out and say, the emperor has no clothes, meaning the NRA," says the doctor, who has become an outspoken critic of assault-rifle sales.

Others are more skeptical about the alleged erosion of NRA power.

"The NRA members haven't lost anything with me." declares Rep. Harold Volkmer, D-Mo. Few if any House members take a dimmer view of gun control.

### **Confusion exists** over fusion claim

SALT LAKE CITY (AP) — Two in the early 1950s. researchers who claim to have produced nuclear fusion at room temperature at a University of Utah laboratory have sent details of the experiment to a British journal amid a deluge of calls from scientists worldwide for more information.

B. Stanley Pons, chairman of the university's chemistry department, and Martin Fleischmann, professor of electrochemistry at the University of Southampton, England, completed the manuscript on their findings and sent it by express service Friday to the science journal Nature, which will publish it in May

The pair stunned the scientific community last week with the announcement that they had achieved nuclear fusion inside a small metal rod with a "coldtemperature" process that produced a surplus of energy for periods of up to 100 hours.

It was previously thought that temperatures in the tens of millions of degrees would be necessarv for fusion reactions. Such reactions power both the sun and thermonuclear bombs.

Pons' and Fleischmann's findings, if confirmed, may lead to a relatively clean and safe source of energy in which the principal raw material is water.

Scientists have sought a practical application of fusion for about 35 yeras. Existing nuclear reactors are powered by nuclear

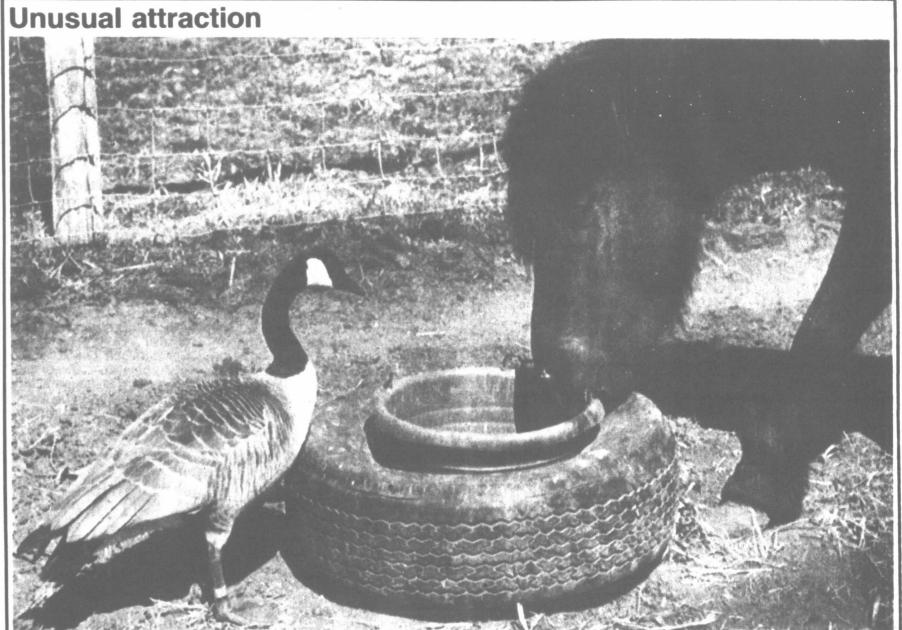
fission Telephone switchboards at the university have been inundated with calls, some from as far away as England, Italy and Brazil, since the announcement, said spokeswoman Barbara Shelley.

'Many people called and said they were rich millionaires and owned big companies and wanted to support the U.'s fusion research," she said. "Many people wanted more information. We have sent out 400 press releases to people, companies and institutions all over the world.

Shelley said more than two dozen scientists called to ask if they could come to the university and collaborate with Pons, try the experiment themselves or help the research team in some way

The announcement has been met with skepticism because it goes against the current understanding of the physics of fusion and has not been verified by other scientists.

However, one of the calls the university received was from Edward Teller of the Lawrence Livermore Laboratory in Califor-



The scientists had wanted to experiment more before going public, but the magnitude of the discovery made it difficult to wait.

"We've been under intense pressure to publish," Fleischmann said shortly before boarding a flight to Great Britain

.

The University of Utah has submitted applications for a patent on the process, "but it's too soon for any kind of patent office action," said James Brophy, university vice president for research.

Norm Bangerter Gov. announced he would call a special session of the Legislature, probably next month, to grant \$5 million for development and commercialization of the scientists' breakthrough.

Brophy said the university also expects to receive a Department of Energy grant for the project that would provide \$600,000 over the next three years. The first five years of research were funded by \$100,000 from Pons and Fleischmann.

Meanwhile, nuclear-fusion experts are still groping with the possibility that two relatively unknown electrochemists could solve what has been their most perplexing problem since thermonuclear bombs were invented

nia. A pioneer in fusion research, Teller said the experiment 'sounds extremely promising.'

Pons and Fleischman have said more research is needed to determine whether their process will work on a large scale. If so, it would provide a safe, relatively clean and virtually inexhaustible source of energy.

In the process, an electrical current is used to drive nuclear particles through a lattice of palladium and platinum electrodes. forcing postively charged particles to fuse together and create a new atom.

Pons said the amount of deuterium — the source of the deuteron particles used in the process contained in one cubic foot of seawater could produce as much energy as 10 tons of coal.

Chan Choi, a fusion researcher at Purdue University's School of Nuclear Engineering, said most cold-fusion research involves using a subatomic particle as a catalyst to start the fusion reaction, while the main thrust of fusion research has involved heating particles to superhot temperatures of more than 1 million degrees while simultaneously compressing them

"The low temperature is quite a departure from the norm. If the (research) is correct, that's quite an achievement," he said.

A Canada goose eyes a Shetland pony the goose has taken a liking to. The horse-loving honker flew onto the Jump Over the Moon Training Center ranch at Waterloo, Neb., about

Strikes, summer travel raise air fares

HOUSTON (AP) — Summer the Texas Passenger Travel ment' system now in use, air cartravelers can expect to see higher air fares and more restrictions for their vacations this year as Eastern Airlines remains on the brink of collapse and the country moves into its busiest flying season of the year

Airline officials insist bargains are still available provided the traveler plans at least two weeks ahead, is agreeable to stops along the way and will travel at offpeak times. But there could be a significant sting for business travelers who must make lastminute travel arrangements.

"Airlines are getting so sophisticated in their yield management programs that they can go into their computer system and tell a week in advance how many seats they'll sell for that flight," said Tina Ruffeno, president of Association in Houston.

"Then they'll take out all the cheap or discounted seats and force the corporate traveler to pay it or travel on a less-traveled

airline industry, the cost of an empty seat was passed on to all country's largest airlines.

riers continually switch prices based on the number of booked passengers. Carriers reserve a few seats for the last-minute flier at a higher price and reward passengers who buy tickets in advance with lower fares. The practice has created super-low discount fares and skyrocketing standard fares. "It just plain stinks," Dan

said Sunday the goose won't leave the pony alone.

Smith, spokesman for the International Air Passenger Association in Dallas, told the Houston Post. "The prices assigned to each seat can change on a daily basis.

It's also common for customers to be quoted two different prices within a day.

The losers in this game of supply and demand are corporate and emergency travelers who don't

have the luxury of planning their trips weeks in advance or the flexibility to comply with fare restrictions, industry observers say.

'The business traveler is in an 'I gotcha,' '' Ruffeno said. "They're frustrated because they don't have a lot of choice. The airlines know that and take advantage of it by jacking up the price.

A traveling salesman at Houston Intercontinental Airport last week lamented the price of his \$860 round-trip ticket from Washington.

"I try to plan in advance to keep the fares low," said Willie Brown of Reston, Va. "Yet sometimes a customer says, 'Be here tomorrow,' and you have got to go. It's cheaper to fly to Hong Kong. I flew there, round trip, for \$729.

### Lawyer says suspect will answer peso scam charge

TULSA, Okla. (AP) — A Tulsa attorney says reports his client collected \$150 million from thousands of investors in 11 states through a pyramid scheme are exaggerated.

"It was \$10 million or less," Attorney Larry Gullekson told the Tulsa World in a story published Sunday.

Gullekson also denied published reports that Robert Leslie Johnson is fighting extradition from Las Vegas, Nev. "That's just not true," he said.

Gullekson said Johnson has signed papers agreeing to return to Dallas where he and William Wayne Gray of Grapevine are charged with failing to register their "peso exchange program" with the Texas Securities Commission

Gullekson said he hoped Johnson would be able to appear before a judge today to waive extradition.

"We certainly want to get to Dallas as soon as possible," he said.

Johnson, arrested Tuesday in Las Vegas, is being held without bail in the Clark County Detention Center.

Police seized \$870,000 in cash and cashier's checks, including

one for \$200,000 payable to the Las Vegas Tropicana Hotel, when they arrested Johnson in a \$2,500-a-month penthouse.

Gullekson said Johnson intended to put the check on account at the hotel and gamble with it, hoping to make money to dig himself out of his financial plight.

Authorities say investors were drawn by promises of 12 percent weekly returns on their money, which supposedly would be used to purchase pesos at a discount from Mexican businessmen.

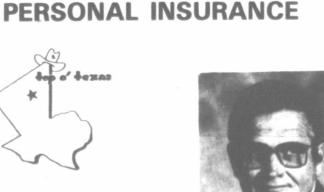
But authorities believe much of the money invested actually went to repay investors who asked to receive their earnings during the eight months the program was in operation.

Gray has admitted that he and his brokers used money from new investors to repay old ones during the last two months of the program.

"This was a legitimate, square-John deal," Gullekson said. "When it started to go sour, like a lot of people in the speculative markets, he panicked and started borrowing from Peter to pay Paul. He tried to resurrect it by legitimate means."

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### **TREATMENT FOR STIFF NECK**

If you're suffering from a stiff neck, don't wait for it to take care of itself when treatment is available to correct it.

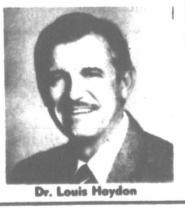
Of all the bones in the spinal column, none are more easily injured or more vulnerable than the seven vertebrae in the neck. None are moved more often. We are constantly turning our heads to look at people and things.

Neck stiffness can have many causes, from sudden and violent accidents to such simple activities as painting a ceiling or just sitting reading a book for a long time. But there's nothing simple about the pain

A careful examination will reveal the source of the pain and how best to treat it. Any misaligned vertebrae in the spinal column should be properly adjusted so there will be no abnormal pressure on your nervous system. Treatment may also include exercises for the cervical muscles such as gently rotating your head in all directions. This can help restore muscle strength and tone.



**Dr. Mark Ford** 





#### (AP Laserphoto

one month ago and stayed. Ranch worker Mike Gottsch

again," she said. Before the 1978 Airline Deregulation Act began to phase out government involvement in the

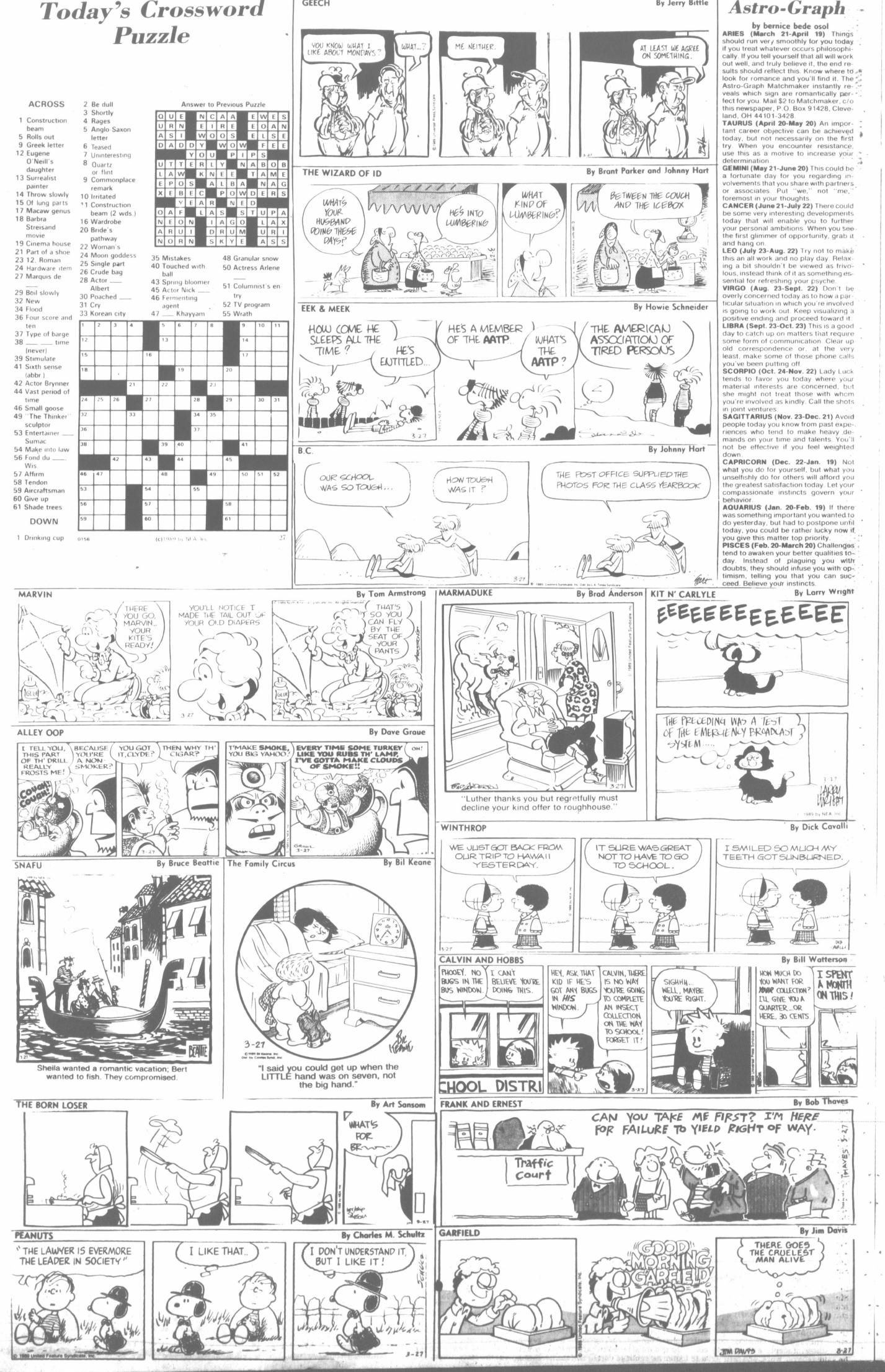
ciation, which represents the

Under the "yield manage-

the other passengers, said David Swierenga, assistant vice president for the Air Transport Asso-

flight they're trying to fill up. And two days before that highly traveled flight leaves, they'll go back into the system and see they haven't sold as many seats as they wanted and discount the fare





8 Monday, March 27, 1989-PAMPA NEWS

GEECH

Astro-Graph

**By Jerry Bittle** 

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PAMPA NEWS-Monday, March 27, 1989 9

# **Sports** Duke, Illinois round out Final Four elite Laettner paces Duke to third

### **Final Four berth in 4 years By TOM CANAVAN AP Sports Writer**

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EAST RUTHERFORD, N.J. -**Because Christian Laettner won** the battle of the freshman centers, Duke earned a return visit to the Final Four.

Laettner dominated his moreheralded counterpart, Alonzo Mourning, as the Blue Devils survived a late Georgetown rally to earn their third Final Four berth in four years with an 85-77 victory Sunday in the final of the NCAA East Regional.

The victory moved the Blue Devils, 28-7, into a meeting with West champion Seton Hall, which finished second to Georgetown in the Big East.

It was a bad day for Mourning, who was outscored 24-11 by Laettner and was victimized by an inyour-face dunk by Phil Henderson with 9:32 to play. When the Hoyas rallied late in the game, Mourning was on the bench, watching.

Duke did it all. They outshot Georgetown, outrebounded them and blocked just as many shots as the NCAA's all-time leading shotblockers

Duke outplayed the Big East champions, who came into the NCAA tournament after winning their conference tournament by

an average of 20 points per game. "The expectations we had

placed upon us were deserved expectations because of the way we won the Big East and the Big East championship," Georgetown coach John Thompson said. "We've won on hard work, and lost to an excellent ball club that has a very good possibility of winning the national championship."

Georgetown, 29-5, and Duke played a seesaw first half, with the Hoyas taking a 40-38 lead on a 3-point shot Mark Tillmon with four seconds left.

There was one lead change and two ties in the opening six minutes of the second half — and then the unexpected happened.

Laettner began to dominate the inside while Mourning, generally considered the best freshman in the country, disappeared.

With the score tied at 52, Quin Synder drove the right side and banked a shot high off the boards and over Mourning for a 54-52 lead. Henderson, who finished with 23 points, then snuck inside and put in a rebound of Robert Brickey's miss for a four-point lead.

Mourning left the game and **Duke continued its run as Danny** Ferry, the regional's most outstanding player, hit two foul shots and Henderson got a basket on a goaltending call.

That got Mourning back into the game and Georgetown responded with four points to move to pull within 60-56.

But any thoughts of a comeback evaporated as Henderson made a quick move down the lane and jammed over Mourning's belated block attempt. Laetter followed with six straight points for a 68-56 lead.

Mourning said he did not see Henderson coming until there was almost nothing he could do.

However, Mourning said there was a lot more he could have done for his team in the second half, but didn't. He played just 11 minutes and scored only three points

"I just felt like I was moving in slow motion," Mourning said. "I just couldn't get clicking like I wanted to. The intensity wasn't there. I have no one to blame but myself.

But the Hoyas weren't dead. With Mourning on the bench, Georgetown mounted a 12-0 run to draw within 75-73 on two free throws by Dwayne Bryant with 3:22 to go.

The Blue Devils stopped Georgetown's momentum at the foul line. Duke made 10 of 12 free throws in the final 3:11, while Georgetown made just two of eight from the field and missed both its free throws.



Duke's high scorer Christian Laettner celebrates his team's 85-77 win over Georgetown Sunday.

# Illini overcome 13-point deficit to drop Syracuse

**By CHUCK SCHOFFNER AP Sports Writer** 

site of Illinois' last Final Four 20 of 27 shots - and hit 64.6 perappearance 37 years ago.

cent for the game. The Illini also Michigan advanced with a 102- outrebounded their taller oppo-65 rout of Virginia in the South- nent 38-29 and kept Syracuse's

(AP Laserphoto



Nick Anderson, selected the game's MVP, stretches in front of Syracuse player Billy Owens to grab a rebound.

### Simpson wins USF&G

**NEW ORLEANS (AP) — Tim** Simpson was giving his golf career one last chance, and it paid off.

Simpson shot a final-round 69 Sunday for a 274 total and his first tournament victory since 1985 in the \$750,000 USF&G Classic. His 2-stroke margin over Greg Norman and Hal Sutton was worth \$135,000.

Before this season started, Simpson said he wrote to his wife and his parents, telling them he wanted to play his way back into the Masters.

"I told them I was going to play very heavy up until the Masters. because I'm not in the Masters and I wanted to be," he said. "I also said — and I'm not usually much of a predictor — that I would win a tournament and be back in.

"I told my wife that if I couldn't win this year, I was coming home," he said.

Simpson said he is emotionally and physically drained by his heavy schedule, so he's skipping this week's event at Houston to rest/up for the Masters.

"Maybe about the middle of the week, I'll go to Augusta and play a practice round. It's only three hours from my home," said Simpson

"That tournament means more to me than almost anything. Since I was old enough not to make noise, my mom and dad started taking me there."

"I'm really, really thrilled. For the past two years, I've been struggling with my confidence, wondering if I'd ever win again,"

It was only the second professional victory for Simpson in a career that began in 1977. He won the Southern Open in 1985.

The tournament was played over the 7,106-yard, par-72 course at English Turn. It was the inaugural professional event at the course designed by Jack Nicklaus

Simpson went into the day a stroke behind Norman, who shot 72 on Sunday, while Sutton had a 70. Each earned \$66,000 for second place.

After 66 holes, Simpson and Norman were tied at 13 under par.

Simpson took the lead for good with an 8-foot birdie putt on 13 and made it a 2-stroke lead with a birdie putt on 15.

Simpson bogeyed No. 17, but so did Norman.

"I guess fate determined that Greg Norman was not going to win this tournament, and that's that," Norman said.

Norman had a 35-foot putt for an eagle on No. 15, but that rolled three feet past the hole, and he missed the second putt as well before tapping in for par.

He missed a 9-foot birdie putt on 16 and missed another shot at a birdie on 17.

He bogeyed 17, giving Sutton the chance to move up for the tie with his birdie.

Sutton opened his round with a bogey, then recovered that lost stroke with a birdie on No. 6. He played par golf for the next eight holes, then closed strong, hitting a 6-feet putt for a birdie on 15 and a 12-footer for a birdie on 17.

Yolanda Brown of Pampa was named to the Class 4A All State second team for her role in pacing the Lady Harvesters to a 17-11 finish in 1989.

(AP Laserphoto)

In three seasons with the Lady Harvesters, the 5-11 senior set school records with 1,553 points and 1,338 rebounds and led the team in this season in scoring (21.2 ppg), rebounding (11.4 rpg), field goal percentage (54 percent) and steals (119). This is her second consecutive year to be selected to the All-State team.

Noel Johnson of Kelton, a 5-7 sophomore, was selected to both the TABC and TSWA **Class 1A All-State first teams.** As a guard for the Lady Lions, Johnson averaged 29.8 points, 14.2 rebounds, 4.2 assists and 6 steals per game. She has been named All-District during both of her high school seasons

Following is a list of Texas Girls All-State basketball teams as selected by the Texas **Sports Writers Association** and compiled by The Associated Press.

#### CLASS 5A

CLASS 5A First team Cinietra Henderson, Duncanville, 6-4, Sr.; Lori Davis, Lewisville, 6-1, Sr.; Lorraine Cordaway, Rosenberg Terry, 5-9, Jr.; LaSonya Conley, Houston Forest Brook, 5-6, Sr.; Dena Evans, Deer Park, 5-5, Sr. Becend team Courtney Canavan, San Antonio Clark, 6-0, Sr.; Lisa Ferguson, Pearland, 5-11, Sr.; Traci McKinley, Weatherford, 6-1, Sr.; Shantell Cole, Houston Sharpstown, 5-7, Sr.; Antoinet-te Isaac, Houston Yates, 5-6, Jr. Third team Jody Thompson, La Porte, 5-9, Sr.; Christy, Boyd, Allef Elnik, 6-0, Sr., Denson Parter, Arlington Martin, 5-9, Sr.; Andra Borris, Con-

rather small for a major college team, their players seem interchangable and they've endured their share of problems this season

MINNEAPOLIS \_\_ They're

But when you step onto the court with Illinois, you're in for a battle — literally. The Illini will run, press, scrap, claw and whatever else it takes to win a game. And that's why they're going to the Final Four.

Led by Kenny Battle and Nick Anderson, Illinois overcame a 13point deficit to beat Syracuse 89-86 for the NCAA Midwest Regional championship.

"They've been doing it all year," said Illinois coach Lou Henson, who has been criticized in the past for losing in the early rounds of NCAA play with talented teams. "They will not die. They just keep coming back.

The victory sends Illinois, 31-4, against Big Ten Conference rival Michigan in the national semifinals next Saturday at Seattle --- the

east Regional on Saturday — a performance that left Henson awestruck "Michigan right now is playing

the best ball of anybody in the NCAA," said Henson, who has no player taller than 6-foot-8. "I saw the game yesterday and they were unbelievable. They could have beaten a pro team.'

Yet, during the regular season, **Illinois defeated Michigan twice** - 96-84 at home on Jan. 14 and 89-73 at Ann Arbor, Mich., in the regular-season finale. Illinois finished second in the Big Ten and Michigan was third. Indiana won the league title.

'Michigan's tall and does a lot of things right," Henson said. "If they play like they've been playing, nobody's going to beat them.

Of course, Henson could say the same thing about his own team, the only No. 1 seed to make the Final Four.

On Sunday, Illinois shot 74 percent in the second half — making bounds in all.

Second team

Yolanda Brown, Pampa, 5-11, Sr.; Yvone Catala, A&M Consolidated, 6-0, Sr.; Paige DuBois, Calalten, 6-0, Jr.; Veronica Hunter, Jacksonville, 5-9, Sr.; Cynthia Jackson,

Houston King, 5-8, Sr. Third team Rosie Holt, Paris, 5-10, Sr.; Twylana Harri-son, Levelland, 5-10, Soph.; Ericka Edwards, Wilmer-Hutchins, 6-0, Sr.; Pam Anderson, West Orange-Stark, 5-7, Sr.; Amy Paren, Aste, 5-4, Se.

trie, 5-6, Sr. PLAYER OF THE YEAR — Carol Balley, Levelland, averaged 16.4 points, 7.2 re-townds, 3 conjuts and 2 steals a game. Level

was 101.2 in her three years as a started

dangerous fast break under control in the second half.

"The difference in the game was on the offensive boards, Syracuse coach Jim Boeheim said. "We had trouble with the same thing against Missouri, but we overcame it the other night.

"We got hurt badly on the offensive boards when they took the lead, but we came back in the game and had a chance.'

Battle, Illinois' inspirational leader, scored 28 points Sunday and showed no ill-effects from a bruised knee that limited him to four points in an 83-69 semifinal victory over Louisville on Friday night.

Anderson, voted the outstanding player in the regional, added 24 points — 16 in the second half and pulled down 16 rebounds. Nine of Anderson's rebounds came on the offensive end, including two in the spurt that gave Illinois the lead for good, and the Illini finished with 19 offensive re-

# Brown, Johnson earn All-State honors

CLASS 3A First team Yatisa Bosha, Hardin-Jefferson, 5-9. Sr.; Holly Graham, Devine, 6-1, Sr.; Kellie Fitz-gerald, Canton, 5-10, Sr.; Ramona Jones, Hardin-Jefferson, 5-5, Sr.; Sharonda Cyrus, Mayia, 5-7, Sr.

Second team Natalya Janca, Sealy, 5-11, Sr.; LaShunta Jackson, Navasota, 5-9, Jr.; Tessa Smith, Sharyland, 5-10, Sr.; Missy Craai, Canyon, 5-8, Sr.; Jennifer Clark, Quitman, 5-6, Sr.

Third team Beth Burket, Jourdanton, 6-1, Jr.; Sherry Elias, East Chambers, 6-0, Sr.; Melinda Ray, Groesbeck, 5-7, Soph.; Sondra Ancelot, Orangefield, 5-6, Jr.; Thea Woodruff, De-catur, 6-1, Sr.

# PLAYER OF THE YEAR — Yatisha Bosha, Hardin-Jefferson, averaged 30 points, 9 rebounds, 7 assists and 6 steals per game. 131-7 record in her four years. Twice all-state. 34-1 record and state champion.

#### CLASS 2A

Trenia Tillis, Grapeland, 6-0, Sr.; Heidi Gil-lingham, Pth. 6-7, Jr.; Anita Dunn, Edge-wood, 5-11, Jr.; Lane Brown, Grapeland, 5-6, Sr.; Dawn Bolner, Marion, 5-4, Jr.

Second Team Jennifer Thomas, Abernthy, 5-8, Sr.: Sekeitha Horsley, Hughes Springs, 5-11, Sr.: Tabitha Trusdale, Rosebud-Lott, 5-9, Sr.; Keli Mueller, Marioń, 5-7, Sr.; Robin Sloan,

Third Team Angela Aldridge, Abernathy, 5-7, Sr.; Kelly Lloyd, China Spring, 5-11, Sr.; Debra Martin, Kerens, 6-0, Sr.; Sandra Jackson, Kerens, 5-7, Sr.; Sandra Chapa, Benavides, 5-4, Sr.

**PLAYER OF THE YEAR** — Trenia Tillis Grapeland — averaged 27 points, 12 re-bounds, 6 assists per game.Twice all-state. Grapeland was state champion.

#### CLASS A

First team Darla Leavitt, Nazareth, 6-0, Jr.; Mira Richburg, Roscoe, 5-10, Sr.; Doris Harris, Roxton, 5-9, Sr.; Stephanie Brockman, Nazareth, 5-5, Sr.; Neel Johnson, Kelten, 5-7,

Carol Kirby, Roby, 5-9, Sr.; Jeana Stockett, Happy, 5-7, Sr.; Becky Hinojosa, Lorenzo, 5-5, Jr.; Tiffany Bryant, Jayton, 5-10, Sr.; Tonya Davis, LaPoynor, 5-6, Jr.

Third team Valerie Smith. Sundown, 5-10, Sr.; Stacy Norrell, Martin's Mill, 5-11, Sr.; Kristi Har-grove. Sudan, 5-10, Jr.; Brandy Richardson, Yega, 5-8, Sr.; Jackie Simper, Moulton. 5-6.

PLAYER OF THE YEAR -- Daria Leavitt. Nazareth: averaged 18 points, 7.5 rebounds 3.6 blocked shots, 4 steals. Team won 100 data data steals in 12 marshold in



running.

junior; team won consecutive state cham-pionships; most highly recruited player in the state.

velland, 5-10, Sr.; Traves Tanna

Yolanda Brown...All-State selection two years

roe, 5-9, Sr.; Shandil Thomas, Duncanville, 5-10, Sr.; Ruth Garcia, McAllen, 5-4, Sr. 9- PLAYER OF THE YEAR — Cinietra Hen-derson, Duncanville; averaged 18.3 points, 9 rebounds a game; player of the year as a

#### CLASS 4A

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Allison Finney rejoices after sinking a four-foot putt on the 18th hole to finish with a four-day total of 10-under par.

# Finney shoots even par to win Turquoise Classic

#### **By WALTER BERRY AP Sports Writer**

**PHOENIX** — Beth Daniel only made one mistake all day, but it was all Allison Finney needed to get her first LPGA victory.

Finney shot an even-par 73 in a rain-plagued final round Sunday and capitalized on Daniel's double-bogey on the second hole to win the \$400,000 Turquoise Classic by one shot.

"If I shoot even-par, I would have won the tournament. But if you don't play well, you don't deserve to win," said Daniel, who was seeking the 15th title in her 11 years on the tour. "I have champagne all over me and it wasn't even for me.'

It was the first win in seven years on the tour for Finney, whose previous best was a second-place tie in the 1985 Mazda Hall of Fame Championship.

"I can't even believe it's hap-

while before it sinks in," said Finney, who placed eighth in this tournament in 1987 and tied for 11th in 1986.

Finney, 30, finished with a 10under-par total of 282 to take the \$60,000 top prize, which nearly equaled her entire winnings for 1985 (\$60,559) and 1987 (\$66,972).

Daniel, who started the day one shot ahead of Finney, parred every hole except the par-3 second, where she four-putted for the double-bogey. She had a 2-over 75 on Sunday for a 9-under 283 total.

"I just didn't make the putts today," Daniel said.

Jody Rosenthal, seven shots off the lead after three rounds, came in third at 285 after firing a 3under 70 on the 6,514-yard Moon Valley Country Club course, which was soaked by an inch of rain Sunday morning. The final round was played mostly in cool, drizzly weather.

Penny Hammel, two shots bepened yet. It's going to take a hind after 54 holes, was 11 under

following birdies on Nos. 7, 8 and 9. But she suffered bogeys on 11, 12, 14, 15 and 16 and then doublebogeyed the par-4 17th in a round of 5-over 78 to finished at 288. Patti Rizzo and Rosie Jones tied for fourth place at 287.

Finney, the leader after each of the first two rounds, shot 74 on Saturday to fall behind the 32year-old Daniel, who was trying to win her first tourney since the 1985 Kyocera Inamori Classic.

Daniel, who won this event in 1982 when it was played at nearby Sun City and was trying to become the first two-time champion in the tourney's 10-year history, double-bogeyed the par-3 second hole to fall to nine under.

Finney parred her first six holes before making a birdie putt on No. 7 to reach 11 under. Bogeys on the 12th and 15th and a birdie at the 14th dropped her to 10 under, but she saved par on the last three holes to win the title.

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# **Rangers hammer Chicago**, 11-2

PORT CHARLOTTE, Fla. (AP) --- Veteran catcher Carlton Fisk seems ready for opening day, but that's not the case with some Chicago White Sox pitchers.

Fisk hammered a home run in Sunday's 11-2 loss to the Texas Rangers, making him 2 for 4 since returning Saturday from a jammed finger that had kept him out of the lineup since March 11.

'Amazing. He comes right back swinging the bat. He's quite a secimen," White Sox manager Jeff Torborg said of the 41-year-old Fisk. "And he really knows how to handle pitchers.

Torborg was less impressed with his pitchers.

Bill Long, 0-2, gave up eight, runs and nine hits in 4 2-3 innings. The Rangers drilled six

extra-base hits, including homers by Ruben Sierra and Jim Sundberg.

Tom Mc Carthy was touched for a run in 1 1-3 innings, and Bobby Thigpen gave up two in an inning. Don Pall held Texas scoreless in his only inning.

Texas pitcher Brad Arnsberg, who is trying to make the staff after having a ligament transplanted from his left wrist to his right elbow last April, allowed only three hits and one run in five innings.

**Rick Leach drove in two** runs and scored three. Mike Stanley doubled twice and drove in two runs.

Prior to the game, Texas placed pitchers Edwin Correa and Jose Guzman on the 21day disabled list, reducing their roster to 31 players.

Correa, still troubled by a shoulder injury that has kept him from pitching since July 1987, remains uncertain as to the cause of the pain. He was examined Sunday in Winter Haven, Fla., by Boston team physician Dr. Arthur Pappas, who operated to remove a torn cartilage and bone fragments from the shoulder last June. Pappas said it appeared that Correa was now suffering from a looseness of the shoulder socket

On Monday, Correa will go to Vero Beach, Fla., to be examined by Los Angeles team physician Dr. Frank Jobe, who diagnosed the looseness last March and said there was a 50 percent chance Correa would pitch again if he underwent corrective surgery

# **Rift between regents chairman** and A&M president disclosed

(AP) — A rift that developed between Texas A&M regents chairman David Eller and school president William Mobley over the investigation of head football coach Jackie Sherrill pushed Mobley close to resigning, the Bryan-College Station Eagle reported in a copyright story.

**Only efforts by regent William** McKenzie of Dallas and A&M chancellor Perry Adkisson kept Mobley from stepping down last November, sources close to Mobley told the Eagle.

Less than two weeks later, however, several regents discussed firing Mobley because of his insistence in dealing with the Sherrill matter, the newspaper reported in its Sunday editions.

The sources close to the administration and to the regents requested anonymity for fear of reprisals, the newspaper said.

Sherrill resigned on Dec. 12 stemming from a Nov. 18 story in

COLLEGE STATION, Texas appearance by remaining at the media conference, sources said. A day later, Mobley pledged to continue the probe into the Sherrill allegations that had surfaced two days earlier, saying he was resolved to get to the bottom of the matter.

However, at the same time, Eller was telling reporters he saw no need for further investigation, that Smith's new statements settled the matter.

Mobley apparently was unaware that Eller had contradicted him until he read Eller's statements in the newspaper the morning of Nov. 21.

Eller had told reporters, "I'm not sure we have one (an investigation) going on.' Eller added

"I am 100 percent in support of Jackie Sherrill and his efforts to build an excellent program and I think he has done that. There is really no more thought to doing amid continuing controversy anything to Jackie Sherrill today than there was a week ago. I was

Finally, a statement written in large part by Mobley was released. The statement said the disparity in the two positions came about because the two men were interviewed separately. Eller and Mobley expressed complete support for each other.

The tensions between Mobley and Eller continued, however, as Mobley's investigation proceeded. A private investigation firm was hired to dig into the Sherrill matter, and Mobley is reported to have decided that Sherrill had to go, the Eagle said.

According to the A&M sources, Sherrill said he should resign because he had "become a lightning rod for the media and the NCAA (National Collegiate Athletic Association)." What Sherrill apparently meant, however, was that he was willing to accept a buyout of his full 5-year contract, which would have cost A&M about \$1.6 million.

Mobley, sources said, was firm in his desire to pay Sherrill only



Greg Walker of the Chicago White Sox slides safely home before Rangers' catcher Jim Sundberg can get the throw.

### **Astros stop Pirates**

KISSIMMEE, Fla. (AP) — Mike Scott allowed one hit in seven innings and Terry Puhl hit a two-run homer to lead the Houston Astros to a 5-1 exhibition win over the Pittsburgh Pirates.

Scott struck out eight and did not allow a hit Sunday until Ken Oberkfell hit a pop up in front of the plate that fell between Scott, catcher Craig Biggio and first baseman Greg Gross

**Biggio singled and Steve Lom**bardozzi doubled in the second to put runners at second and third before Scott singled to left to score both runners and give Houston a 2-0 lead.

Puhl put the Astros in front 4-0 in the sixth inning when he hit a home run over the center field fence after Gerald Young was hit by pitcher Doug Drabek. Houston's final run came later in the inning when Craig Reynolds singled home Billy Hatcher, who reached base when he also was hit by Drabek.

Hatcher stole second and went to third on a throwing error before scoring on Reynolds' single.

The Pirates' only run came in the ninth inning off reliever Dave Smith when Sid Bream sinlged home Julio Peguero, who had advanced to third on a single by **Rennie Stennett**.

The Pirates, 13-12, threaten to tie the game by loading the bases in the ninth. But pinch hitter Kevin Burdick hit a fly ball to left field that was caught by a diving Louie Meadows to end the threat. The Astros, 9-16, had lost three

consecutive games before Sunday

**OPTIMIST CLUB BASEBALI** Sign Ups April 1st 10 a.m.-5 p.m. At the Optimist Club! All Players Must Sign Up even if you played last year. 6 yr. old, 7 & 8 yr. old, 8 & 10 yr. old, 11 & 12 yr. old, 13 yr. old, 14 & 15 yr. old league. Softhall Registration Fee \$20. MIST CLUB OF PAMPA

### **NBA** standings

By The Associated Press										
All Times CST										
EASTERN CONFERENCE Atlantic Division										
W L Pct. GB										
New York	44	23	.657	_						
Philadelphia	37	30	.552	7						
Boston	34	32	.515	91/2						
Washington	32	35	.478	12						
New Jersey	23	45	.338	211/2						
Charlotte	17	51	.250	271/2						
Central Division										
v-Detroit	49	17	.742							
y≪leveland	49	18	.731	1/2						
Milwaukee	42	23	.646	61/2						
Chicago	40	26	.606	9						
Atlanta	39	27	.591	10						
Indiana	20	47	.299	291/2						
WESTERN C			NCE							
Midwes										
	W	L	Pct.	GB						
Utah	42	25	.627							
Denver	37	30	.552	5						
Houston	36		.545	51/2						
Dallas	31	36	.463	11						
San Antonio	18	50	.265	241/2						
Miarhi	12	55	.179	30						
Pacific										
L.A. Lakers	46	20	.697	_						
Phoenix	43	24	.642	31/2						
Seattle	39	27	.591	7						
Golden State	38	28	.576							
Portland	32	34	.485	14						
Sacr amento	19	48	.284	271/2						
L.A. Clippers	14	52	.212	32						

-clinched playoff berth Friday's Game Boston 115, New York 111 Philadelphia 135, San Antonio 122 Detroit 112, New Jersey 96 Utah 102, Houston 91 Denver 114, Dallas 105 Chicago 128, Portland 113 Saturday's Gamer Late Games Net Include Washington 111, Indiana 108, OT Detroit 113, Charlotte 101 107, San Antonio 105 Atlanta at New York, (n) Golden State at Houston. (n) Cleveland at Milwaukee. (n) ver at Utah. (n) Chicago at Seuttle, (n) Phoenix at L.A. Clippers, (n) rtland at Sacramento. (n) Teday's Games Philadelphia at Bo nix of L.A. Lekers, 9:30 p.m

The Dallas Morning News quoting former A&M running back **George Smith as saying Sherrill** sent cash to him several times after Smith threatened to reveal repeated NCAA infractions during his tenure with the team in the early 1980s

The Eagle reported that tensions grew between Mobley and Eller after the president concluded in December that Sherrill either had to resign or be fired.

At A&M expense, Smith flew to **College Station and appeared at a** Saturday night news conference after the Nov. 19 football game between Texas A&M and Texas Christian to recant his earlier claims that Sherrill paid him "hush money."

Mobley appeared at the conference with Smith, but appeared to distance himself from Smith.

Mobley opened the media conference by saying an internal investigation would be conducted into the matter, then left "for a previous engagement," preferring not to lend dignity to Smith's

COLLEGE STATION, Texas (AP) - Former Texas A&M football coach Jackie Sherrill's employment contract called for an initial base salary of \$95,000 when he was hired Jan. 6, 1982, but increased to \$185,120 by the time A&M bought out his contract three months ago, according to a published report.

The Bryan-College Station **Eagle obtained a copy of Sherill's** contract last week under the **Texas Open Records Act.** 

Sherrill also had a separate arrangement with A&M for his services on the "Jackie Sherrill Show," a game highlight program that ran weekly during football seasons. At the time of the buyout, the talent contract was worth \$142,000 a year.

A&M received profits from the Sherrill program.

Under the terms of the termination contract signed Dec. 12, Sherrill immediately received \$684,000, slightly more than the amount he would have made in two years from his salary as athletic director and head coach and his talent fee for the "Jackie Sherrill Show."

His employment contract called for an automatic salary increase of at least 10 percent annually, or the percentage increase of the average faculty salary, whichever was greater.

Additionally, Sherrill received a month's base pay for each bowl appearance "in order to compensate for the extra time needed to prepare for the appearance and for the tangible benefit derived by (A&M) from such appearproud of him a week ago and I'm still proud of him.'

Administration sources say an angry Mobley arrived at his Coke **Building office shortly after** dawn on Nov. 21 and personally typed out his letter of resignation, the Eagle reported.

Mobley, who had become A&M's 20th president on Aug. 1, less than four months before, apparently was prepared to tender his resignation letter to regents later that day at their regular bi-monthly meeting

The same sources said, however, that Adkisson arrived shortly after Mobley and asked the president to delay his decision until the chancellor had time to attempt a compromise with the regents.

Throughout the regents' morning meeting, McKenzie — who is expected to be elected chairman of the board at Tuesday's meeting of the regents — shuttled in and out of the board room. Sources said he was playing the role of peacemaker between Eller and Mobley

through the remainder of this school year. As negotiations continued, Sherrill expressed interest in staying on as athletic director only, giving up his coaching duties, the Eagle reported, but

Mobley was said to be determined that Sherrill had to leave. At a Dec. 8 meeting between Eller and Mobley that was described by witnesses as hostille, Eller told Mobley that his proposed one-year contract buyout was "unfair to Coach Sherrill," and Mobley was instructed to work out a better deal for Sher-

rill, the Eagle reported. James Bond, deputy chancellor for legal and external affairs for the A&M System, and A.W. "Head" Davis, Sherrill's Bryan attorney, spent the weekend working out details of the settlement, and Sherrill's resignation

paid him \$684,000, slightly more than the amount he would make for two years of his contract.

### Sherrill's base pay nearly doubled

ance." Texas A&M went to three postson began

season Cotton Bowl Classics as well as last year's Kick-Off Classic before the official football sea-The contract gave Sherrill the

option of taking 10 percent of his annual budgeted base salary in January, with the remainder paid in equal monthly installments.

The contract was for six years, beginning Jan. 1, 1982, but every Jan. 1 thereafter the contract automatically was extended for another year" ... so that there shall always remain a period of at least five years of unexpired term.

The university also provided Sherrill with a car and required him to be a member of Briarcrest Country Club in Bryan — at university expense - because, "It is the desire of the University that Sherrill be active in the affairs of the community, maintain good alumni relations, vigorously recruit student athletes, esteem himself socially and morally, act as a spokesman for the Texas A&M University Athletic Department."

The former A&M coach was allowed to "engage in speaking activities and charitable endeavors," traveling at athletic department expense.

In an agreement not mentioned in the contract, A&M provided a 5-year \$150,000 loan to Sherrill for the purchase of his College Station home. Twenty percent of the lien was written off by A&M for each year Sherrill was employed

was announced on Dec. 12. The agreement with Sherrill by the university.

At the end of the lien in 1987, a second \$150,000 lien was taken out by A&M under the same arrangement. Sherrill had worked almost two full years of the second lien and the remaining \$90,000 of the A&M lien was forgiven as a part of the Sherrill termination agreement.

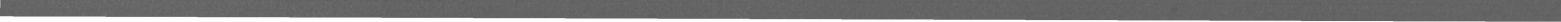
Under the contract, Sherrill was expected to "maintain good alumni relations" and "recruit the best student athletes available."

"To this end, (A&M) recognizes that such contacts will necessitate the entertaining of these individuals in Sherrill's home to the extent permitted by SWC and NCAA regulations," the contract said.

Because of the extra expense of such entertainment, A&M paid the utilities and insurance on Sherrill's \$300,000 College Station home

The contract allowed Sherrill to engage in outside business endeavors, except those "which tend to discredit (A&M)." He also was prohibited from "... engaging in any activities that involve the sale or endorsement of alcoholic beverages or pornographic materials ...'' although his outside business interests could include restaurants that sell beer.

He also was prohibited from endorsing candidates for any public office, a provision the newspaper said Sherrill may have violated the day before last November's presidential election, when Sherrill appeared at a campaign rally featuring George W. Bush.





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	LOST: Male, tri-colored (mostly	HOME Improvement Services	White House Lumber Co.	76 Farm Animals	2 bedroom unfurnished, aduit. 1001 N. Sumner, manager apart- ment #7, 665-0219.	way. 10x16 and 10x24. No deposit. 669-1221, 665-3458.	Coldwell Banker Action Realty 669-1226, 800-251-4663	miles. Must see. Will trade. Priced way below book. Call 665-
	black) young collie. Has blue collar and tags. Answers to Bud- dy. We miss him very much. Re-	Unlimited. Professional Paint- ing. Acoustics. Texture. Stucco.	101 S. Ballard 669-3291	WEANER pigs for sale. Call 883- 8771 after 6 p.m.	EFFICIENCY apartment, bills paid. 669-1221, 665-7007, Realtor.	Econostor New owner. Special rates.	110 Out of Town Prop.	6433.
	ward. 665-9770.	INTERIOR, exterior-staining-	57 Good Things To Eat	77 Livestock	paid. 669-1221, 665-7007, Realton.	3 sizes. 665-4842	11-2 bedroom apartments, 9 un-	1981 Escort. 2 door, air, 4 speed. Like, new little car. AM-FM
	13 Business Opportunities	mud work. James Bolin, 665- 2254.	HARVY Mart I, 304 E. 17th, 665- 2911. Fresh, cooked Barbeque	CUSTOM Made Saddles. Good	NEWLY remodeled 1 bedroom. Stove, refrigerator. All bills	102 Business Rental Prop.	its furnished, swimming pool. Price \$200,000. Monthly income \$3300. Excellent condition. 274-	cassette. Better look. \$2850. 665- 6433.
Í	CASH BUSINESS Buy this high profit candy vend-	Mud-Tape-Acoustic Painting. 665-8148 Stewart	beef, smoked meats, Meat Packs, Market sliced Lunch Meats.	used saddles. Tack and accessories. Rocking Chair Saddle Shop, 115 S. Cuyler 665-0346.	paid. Deposit. 669-3672, 665-5900.	321 N. Ballard St. 665-8207 or 665- 8554.	3362 Borger.	1001 Cutlass Colies, T. Tan. mus
	ing route. Nationally proven program since 1959. Nice family	14q Ditching	59 Guns		97 Furnished Houses	2400 square feet. Retail. High	77 acres \$150 month, \$1325 down at \$225 acre. 8 miles southeast of McLean on FM 3143. Rolling im-	
	business-includes training. Re- quires cash investment of \$4237 to \$14,070. Call 1-800-328-0723.	DITCHING, 4 inch to 10 inch wide. Harold Baston, 665-5892.	QUITTING the gun business! Some guns priced below cost.	2 year old AQHA Filly. Sorrel, flaxen mane, star, 2 socks. Well	LARGE 2 bedroom mobile home in White Deer. \$200 plus deposit.	traffic location for rent or lease. Will remodel. Reasonable rent. 112 W. Foster. Off street em-	proved pasture land only 4 miles south of 1-40. Owner/seller, Frank Tidwell, 1-795-9537, resi-	121 Trucks
	Eagle Industries Since 1959.	14r Plowing, Yard Work	When these are gone there will be no more. Fred's Inc. 106 S. Cuyler. No phone.	broke. 669-0664.	883-2015, 665-1193.	ployee parking. See John or Ted Gikas.	dence 1-795-9159.	1987 Dodge D-150 LE. 4 wheel
	14 Business Services	ROTOTILLING, tree trimming and removal. 665-5859.		80 Pets and Supplies	NICE 2 bedroom, \$225 month. 669-3743.	103 Homes For Sale	114 Recreational Vehicles	drive. Completely loaded. Beautiful Charcoal Gray and Silver. Priced way below book.
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	ing Labels. Pick up, delivery. SOS ASSOCIATES, 883-2911, White Deer.	shrub trimming. Kenneth Banks, 665-3672.	JOHNSON HOME	ing show conditioning. 665-5102.	1 bedroom, furnished house on Browning. \$195. 669-6854.	Laramore Locksmithing Call me out to let you in 844 W. Foster, 665-KEYS.	SUPERIOR RV CENTER 1019 ALCOCK	124 Tires & Accessories
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	scripts, business documents, etc. Word Source, 665-4901.	I.W.T. Lawn Service. All type mowing, edging, weed eating	801 W. Francis 665-3361	tomers welcome. Red, brown Toy Poodle or Yorkshire Terrier		Paint outside for down pay- ment, on FHA loan. MLS 885. Consider auto or van down on 3	accessories in this area. 1985 Mallard park model travel	8444.
	COMMERCIAL - Residential	and odd jobs. 665-0688.	RENT To RENT RENT To OWN	stud service. Excellent pedig- rees, 665-1230.	FOR rent, partially furnished, large front room, dining room, kitchen, panelled. Excellent	bedroom, 2 bath, 2 car garage on Comanche. \$49,900. OE 5. Shed Realty, call Walter Shed,	trailer. Like new, very nice. Furnished including washer, dryer, refrigerator. 40 foot with	OGDEN & SON
	Maintenance and repair. Light construction. No job too small. Apex Inc., 665-0742.	brighter trees, makes trees more resistant to disease and in-	We have Rental Furniture and Appliances to suit your needs. Call for Estimate.	FOR Sale. AKC Registered Toy Poodle puppies. Wormed and shots started. Call 665-1230.	carpet. Water paid. \$250, or will sell. Inquire 516 Hazel.	665-3761.	double tip outs. Perfect for small family or lake house. 665- 6724 late evenings only.	501 W. Foster 665-8444 Parker Boats & Motors
	14b Appliance Repair	sects. Lawn aeration. Elimin- ates compaction, allows air, wa- ter, fertilizer to root zone. Ken-	Johnson Home Furnishings 801 W. Francis 665-3361	FRANKIE'S Pet Service, Obedience training, boarding,	98 Unfurnished Houses	MUST sell 3 bedroom brick. Owner carry. Reduced down payment. 665-5117.		301 S. Cuyler, Pampa 669-1122, 5909 Canyon Dr., Amarillo 359- 9097, MerCruiser Dealer.
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	hwashers and range repair. Call Gary Stevens 669-7956.	14s Plumbing & Heating	home. Rent by Phone. 113 S. CUYLER 669-1234	GOLDEN Wheat Grooming Service. Cockers, Schnauzers specialty. Mona, 669-6357.	rent. 665-2383. 1525 N. Zimmers	with fireplace. \$500 equity and monthly payments of \$732. Must see. Call 665-7398 after 6 for	RED DEER VILLA 2100 Montague FHA Approved 669-6649, 665-6653.	PERFECT FOR TWO Or four or more. 3 or 4 bed-
	RENT TO RENT	<b>BULLARD SERVICE CO.</b> Plumbing Maintenance and	No Credit Check. No deposit. Free delivery.	PROFESSIONAL Dog Groom- ing. Toy Poodles, \$13. Schnauz-	\$750 month 806-794-3348	appointment.		room on the park in Austin school district. \$49,500 plus an \$1800 carpet allowance.
	RENT To OWN WE have Rental Furniture and	Repair Specialists	FOR Sale: Hide-a-bed couch.	ers, \$13. Poodle puppies for sale. Suzi Reed, 665-4184.	2 bedroom 1213 Garland, 1000 S. Wells 665-6158, 669-3842	FOR Sale: 2 bedroom house in Skellytown, steel siding, large		Formal living room, clay tile entry, kitchen/break- fast/den area. Peaceful set-
3	Appliances to suit your needs. Call for Estimate. Johnson Home Furnishings	Builders Plumbing Supply 535 S. Cuyler 665-3711	floral design. \$150. 868-5931.	FOR Sale: AKC Brindle Boxer puppies. Call 669-0607 or 669-	500 Ward-3 bedroom. Central	utility room. Call 848-2229. FOR Sale: 3 bedroom, 134 bath,	=0-0-0	ting. MLS 770.
	,801 W. Francis 665-3361	LARRY BAKER PLUMBING	69 Miscellaneous		heat and air. \$300. Church duplex, 3 bedroom, 1500 plus feet, sun deck, \$450.	double garage. Assumable loan. 665-0207. 1009 Kiowa.	Shed Realty, Inc.	
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	Call-Williams Appliance, day or night, 665-8894.	CHIEF PLASTIC Pipe and Supply. Sell PVC, poly pipe and	Tandy Leather Dealer Complete selection of leather- craft, craft supplies. 1313	Clyde Carruth Pavillion (bull barn) 7 p.m. Confirmation 8 p.m. \$25 for 6 week course. Classes 1	(and an and an	COLDWELL	665-3761	Century
	14d Carpentry Ralph Baxter	fittings, water heaters and sep- tic tanks. 1239 S. Barnes, 665- 6716.	CHIMNEY fire can be pre-	night a week. Second dog at re- duced price. Proof of all vac- cinations are required.		BANKERO	Dan Minnish	西古 6401 <sup>1</sup> 665-6401
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	ADDITIONS, Remodeling, new	14t Radio and Television DON'S T.V. SERVICE	<b>RENT IT</b> When you have tried every	First Landmark Realtors	REALTY	704 E. 16th - Lovely brick	Dr. M.W. (Bill) Horno	112 W. Kingsmill
	cabinets, old cabinets refaced. Céramic tile, acoustical ceil- inve papelling painting, wall-	We service all brands.	where- and can't find it - come see me, I probably got it! H.C. Eubanks Tool Rental. 1320 S.	665-0717	669-3346	home with all soffitt and fascia steel covered. Three bedroom, 1½ baths	Dulo Robbins	Put Number 1
	iñgs, panelling, painting, wall- pàpèr, storage building, patios. 14 years local experience. Free estimates. Jerry Reagan, 669-	Curtis Mathes Green Dot Movie Rentals	Barnes. Phone 665-3213.	1600 N. Hobart Guy Clemente 665-6237	Heidi Chronister 665-6388	and double detached gar- age on 79' lot. Formal liv- ing plus den and fireplace.	ORI, CRB, MRA	to work for you."
•	9747 Karl Parks, 669-2648.	\$1.00 Everyday Color TV, VCRs, Stereos 2216 Perryton Pkwy., 665-0504	CHILDERS Brothers Floor Leveling. Do you have cracks in your walls, doors that won't	Nine Speenmere 665-2526 Index Bishahn GRI . 665-4534	Penn Doods	Lovely decorating. Screened in patio: Austin school. REDUCED TO		
	ADDITIONS, Remodeling, roof- ing, cabivets, painting and all types of repairs. No job too		close, uneven or shakey floors? Your foundation may need to be reserviced. For free estimates	Martin Riphahn 665-4534 Atilio Bingham 665-8244 Ranae Thomhill 665-3875	Nerme Hinson 665-0119 O.G. Trimble GRI 669-3222 Judy Taylor 665-5977	\$46,900. MLS 903. Will sell VA. 669-1221	669-2522	2-02
	small. Mike Albus, 665-6774. HOME Improvement Services	14y Upholstery	and inspection call 352-9563. Financing available.	Vorl Hegeman Breker	Norme Ward, GRI, Broker	800-251-1663 Ext. 665		Quentin
1	<ul> <li>Unlimited. Custom Cabinets. Remodeling. Additions. 665- 3111.</li> </ul>	ALL kinds furniture, uphol- stery, refinishing, repair, re-	Aab	East				
	LAND Construction, Cabinets,	gluing. 665-8684.		For	WANTED	TO BUY	REALIC	Keogy-Edwards Inc
	boókcases, paneling, painting. Cáll Sandy Land, 665-6968.	21 Help Wanted	C.L. FA		Clean Car	s & Trucks	"Selling Pampa	a Since 1952"
	OVERHEAD Door Repair. Kid- wall Construction. 669-6347.	TURN your spare time in to spare cash, sell Avon, earn good	ROBERT KNOWLES		Will Bay	Anything	And the second	18 Coffee Perryton Parkway
	REPAIRS, remodeling, decks, concrete. David Bronner. 665-	money, set your own hours, star- ter fee paid for you for a limited time only. Call Ina Mae, 665-		CADILLAC	665	6433	Exic Vantino Bkr	0 J.J. Boach
	4218; 665-6064.	5854.		3			Barrol Sohorn	Bill Con
9	HOUSE LEVELING Floor sagging? Walls cracking?	EARN money reading books!	Office	Home 669-7555		EARS-THANKS	Mary Bits Smith	7 BROKER-OWNER
	Doors dragging? If so call for House Leveling. Free estimate. Call 669-6438.	\$30,000 year income potential. 805-687-6000 extension Y9737.	669-3233	007-7333	BILL N	I. DERR		
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#### 12 Monday, March 27, 1989-PAMPA NEWS

# Neglect at seed bank threatens defense against famine

EDITOR'S NOTE — Agriculture is under constant assault from drought, pests and disease. A key defense is genetic material in seeds that can alter and fortify species. The seed banks that store this material, called germplasm, thus stand literally between world plenty and famine. But chronic neglect at America's largest seed bank threatens the precious hoard.

#### By LEE MITGANG and PAUL RAEBURN Associated Press Writers

FORT COLLINS, Colo. (AP) — Thousands of irreplaceable crop seeds are dead or dying in an antiquated, underfunded federal seed bank, imperiling the future of U.S. agriculture.

Furthermore, the United States is jeopardizing access to new seed samples by banning seed trade with six countries it considers adversaries.

These are principal findings of a three-month Associated Press investigation of U.S. policies affecting germplasm, the plant. genetic material needed to breed heartier crops able to resist drought, pests, disease and the global warming trend called the greenhouse effect.

American farmers are reaping four times the corn and potatoes per acre that they could 50 years ago. Wheat and rice yields have doubled. At least half of these gains come from higher-yielding crop varieties bred with germplasm from around the world.

Germplasm is "as important as air, food or water," said Henry L. Shands, national leader of the U.S. Department of Agriculture's germplasm program.

The National Seed Storage Laboratory, housed in a threestory yellow building on the Colorado State University campus in Fort Collins, is the world's largest seed bank. Its nine concrete, subfreezing storage vaults bulge with 232,210 seed samples in paper and aluminum packets.

But the AP found that in tests conducted within the last five years, only 28 percent of the samples, or 64,036, met a government standard that 66 percent of the seeds in a sample will sprout.

Fully 72 percent, 168,174 samples, either haven't been tested in at least five years, contain too few seeds to risk testing or failed to meet the 66 percent standard.



#### (AP Laserphoto

### Marcella Cecil examines some seeds stored in a cryogenic preservation tank.

seed banks are seed morgues. What goes in isn't going to come out alive,'' said Major Goodman, a crop geneticist at the University of North Carolina.

Many untested samples are certainly dead or dying, either because of improper storage or failure to regrow them quickly enough, said Garrison Wilkes, a crop scientist at the University of Massachusetts in Boston.

And efforts to replenish the collection are being jeopardized by U.S. foreign policy, an AP examination of hundreds of pages of government documents revealed.

Despite an official policy supporting the free flow of germplasm among all nations, the United States has quietly banned germplasm trade with six countries it considers unfriendly: North Korea, Cuba, Cambodia, Vietnam, Nicaragua and Libya.

Some USDA officials have fought the embargoes, fearing a backlash in which other Third World countries would deny germplasm to the United States. Developing countries are the birthplace of most important food crops, and it is there geneticists must go to search for desirable new traits

The issue is expected to flare April 17-21 at a meeting in Rome of the Commission on Plant Genetic Resources, part of the U.N. Food and Agriculture Organization.

Recent advances in genetic engineering have further raised the stakes. The ability to swap genes among different species will greatly reduce the time it takes to breed new crop varieties.

Jeremy Rifkin, a well-known activist who has won important court battles to regulate biotechnology, filed suit in 1987 charging the USDA with harming the environment by failing to safeguard its seed samples. A decision is expected soon.

A visit to the Fort Collins lab found no guards or alarm systems protecting the seeds or costly lab equipment. The vaults are protected by a metal gate secured only with a common padlock. Campus police patrols provide the only insurance against thieves or terrorists.

Even critics acknowledge, however, that conditions have recently improved.

For much of its 31-year existence, the lab operated on budgets of less than half a million dollars. Funding more than doubled in 1988 from \$927,580 to \$2 million. Much of the credit is given to Shands and Steve A. Eberhart, a research geneticist who became the lab's director in March 1987. Under Eberhart, staff has been increased, and vital seed data are being transferred from file cards to computers.

But even Eberhart concedes it will take years, and millions more dollars, to correct the lab's failings.

A computer analysis performed by USDA officials at the AP's request found that 104,135 samples — almost half of the lab's entire collection — contained too few seeds to risk testing them, Eberhart said.

As a consequence, lab officials were unable to say with any accuracy how many of their seed samples are alive.

**Rep.** George E. Brown, D-Calif., chairman of the House subcommittee on Operations, Research and Foreign Agriculture, called the U.S. germplasm system "lousy, measured against the importance of the problem."

Each seed vault at the Fort Collins laboratory can hold 15,000 to 30,000 seed packets. Six cryogenic tanks contain wheat, barley, oats, lotus and other grains supercooled with liquid nitrogen, a process pioneered here in hopes of extending the life of seed samples indefinitely.

Eight of the nine vaults are full, and the last vault is nearly so, according to the lab's annual review written in February.

The USDA computer analysis found that in five years only 82,538 seed samples, or slightly more than one-third of the lab's total, had been tested to see what percentage of seeds in each sample remained alive, said Loren Wiesner, the laboratory's curator.

Twenty-two percent of those tested, or 18,502 samples, were below the USDA's 66 percent standard, Eberhart said.

Furthermore, 3,770 samples had deteriorated 'to the point where no more than a quarter of the seeds would sprout, Eberhart said.

Of the 104,135 samples that contained too few seeds to be tested, 94,680 are duplicated at other U.S. seed banks, he said.

But the National Seed Storage Laboratory ''is designed to be the

principal storage facility for agricultural crop seeds," noted a 1987 report by the Congressional Office of Technology Assessment. "Ideally all plant varieties are stored at NSSL as base collections."

The four other seed banks where many of the Fort Collins samples are duplicated are in trouble themselves, according to figures in minutes of a September 1986 meeting of the USDA's Plant Germplasm Operations Committee.

At the Ames, Iowa, seed bank, 35 percent of samples are "in critical need of regeneration," as are 25 percent at Pullman, Wash., 33 percent at Experiment, Ga., and 50 percent at Geneva, N.Y. These are the most recent figures available, said Shands.

Donald Duvick, director of research for Pioneer Hi-Bred International and one of the deans of the U.S. seed industry, said:

"Our national stinginess in collecting, storing, renewing and describing the collections is inexcusable, not only in regard to our national obligations, but also in regard to our responsibility to the entire world."



# Super collider project faces anti-Texas backlash on funds

#### By JENNIFER DIXON Associated Press Writer

WASHINGTON (AP) — Lawmakers smarting over Sen. Phil Gramm's sharp criticism of their home-state projects and simmering anti-Texas sentiment in Congress threaten the tenuous future of the super collider, says a member of the House Budget Committee.

The troubles of Speaker Jim Wright, a Fort Worth Democrat under investigation by the House ethics committee, could also potentially jeopardize the super collider, says Rep. John Bryant, a Dallas Democrat.

"To the extent Wright is weakened by any events related to this ethics committee thing, it will also weaken our ability to get the super collider," said Bryant, who does not believe Wright will be wounded by the panel's findings.

But a loss of Wright's influence in the House because of unfavorable findings by the ethics committee "could be devastating" to the super collider's chances of being built, Bryant said.

Bryant said the future of the \$4.6 billion particle accelerator is rocky for many reasons — "the kind of budgetary pressure we're experiencing is unprecedented and there is not a lot of good will right now toward our state."

The Energy Department wants to build the collider south of Dallas, but Congress has yet to agree to authorize its construction. The project would create thousands of jobs and bring international prestige to its host state.

Bryant said Texas is receiving the blame for the bailout of the savings and loan industry, which regulators expect will cost in excess of \$100 billion, and points to a base closing plan that leaves all Texas installations intact except the Navy's homeport at Galveston, which is under construction, while some states face big losses.

In fact, Texas stands to gain more jobs from the military realignment than any other state, according to Rep. Dick Armey, a Copper Canyon Republican and sponsor of the base-closings bill.

Texas also would gain from construction of a space station, and members of its congressional delegation are traditionally at the front of efforts to fund the budget of the National Aeronautics and Space Administration, Bryant said.

There is a general perception, with a president, speake and all of these cabinet members (from Texas) and all of our (congressional committee) chairmen, that we have too many things going our way," Bryant said. "And we have to overcome that perception."

Bryant said Gramm, sponsor of the deficitreducing Gramm-Rudman Act, is yet another obstacle.

Gramm, a Texas Republican, has opposed many of his felle w senators when their home-state projects come to a vote, and now those senators are not looking too kindly on Gramm as he asks them to pay for the super collider, Bryant said.

"Gramm attacks every proposal here regarding spending, even those that were worthy proposals, and he's not receiving a very favorable reception from other senators when he goes and asks for his project," Bryant said.

Another Democrat, who spoke on condition of anonymity, said "a lot of senators are looking to get their comeuppance with Phil Gramm, and it makes him a large liability. And not just in the Senate, but the House, too," where Gramm served until his election to the Senate in 1984.

Gramm has accused Sen. Daniel Moynihan, D-N.Y., of being weak on defense; told the Senate that a coal purchase proposed by Sen. John Heinz, R-Pa., was "felony theft of the taxpayers' money, perpetrated by special interest groups who have spokesmen right here on this floor"; and repeatedly criticized the Weed Science and Technology Center at North Dakota State University as a pork barrel project that could bust the budget.

At a recent hearing on the super collider, Sen. Kent Conrad, D-N.D., said the project was not high on his list of priorities.

"Here you are," Conrad told Gramm, "one of the foremost advocates of being tough on spending, in here advocating a spending project that would benefit your constitutents. ... It's high on your list because it would benefit your state."

Sen. Wendell Ford, D-Ky., chairman of the Senate subcommittee on energy research and development, said of the exchange between Gramm and Conrad: "He (Gramm) was against North Dakota getting a damn thing, and now he's in here wanting it all for Texas."

Gramm spokesman Larry Neal said Gramm stands by his criticism of Heinz, Moynihan and the North Dakota weed research institute.

"The weed research institute was a budget buster, all the indexes on defense suggest where Moynihan is, to the detriment of Texas specifically," Neal said.

"Every time the Democrats trot out these old moth-eaten criticisms we're forced to remind them about projects like the new Veterans Administration hospital in Houston, the new Navy Homeport in Corpus Christi and the new Treasury Department currency plant in Fort Worth, all of which Sen. Gramm brought to Texas," Neal said.

He said Bryant's position is "particularly odd" because the congressman has come out against foreign funding of the super collider.

"In fact, the refusal to seek funding from other countries could very easily doom our effort to build the superconducting super collider. That of course would be a tragedy," Neal said.

Rep. Tom Bevill, chairman of the House Appropriations subcommittee on energy and water development, said that Congress will insist on knowing how much foreign countries are committed to spending on the collider before authorizing construction.

Bryant said he is opposed to letting foreign countries pay a fraction of the cost of the collider in exchange for "access to all of the fruits of the research" of the particle accelerator.

"I'm tired of seeing us hand over free of charge technology to Japan and other countries that we've paid a tremendous amount to develop, and watch them profit," Bryant said. "I think it's a mistake to give away our technology for a pittance."

