



**Never give in**  
Randy Simmons, back  
up running back, waits  
for tomorrow  
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# Iraq asks Iran to join oil pipelines; Hussein hopes to bypass embargo

WASHINGTON (AP) — Iraq has asked Iran if the two countries can join their oil pipelines, a move that would allow Saddam Hussein to partly bypass the international embargo against his country, U.S. officials said Thursday.

Iran has not yet responded to the Iraqi request, the officials said.

Intelligence experts estimate a link between the two pipeline systems could be completed within a month across the countries' common border if they decide to go ahead. One of Iraq's major pipelines, which runs along the Shatt-al-Arab waterway, at one point is just five miles from a major Iranian pipeline that goes into Iran's refinery at Abadan.

Such a link would let Iraq export 500,000 barrels of oil a day in return for badly needed cash, food and medicine, said the officials, who commented only on condition of not being named.

The Iraqi request is the latest overture by President Saddam Hussein toward Iran, with which he fought a destructive eight-year war. He has turned to his former foe in an effort to breach the international blockade imposed by the United Nations after his Aug. 2 invasion of Kuwait.

In return for promises of food and medicine, Iran has gotten back thousands of war prisoners and an agreement of shared sovereignty over a

**"So far we have no indications of Iraqi tankers in Iranian waters. We would expect Iran would take appropriate measures to prevent circumvention of the embargo in their territorial waters."**

— Margaret Tutwiler, State Department spokeswoman

bitterly contested border waterway. In addition, Iraq has withdrawn troops from Iranian territory occupied during the 1980-88 war.

A senior Iranian official is in Baghdad negotiating terms of the rapprochement.

And Iran's ambassador to Pakistan said Thursday that Saddam may soon visit Tehran.

Administration officials have played down the importance of the thaw, saying Iran has everything to gain and little to lose. They also note that Iran has promised to abide by the embargo, and say they see no signs it has not.

Nonetheless, U.S. intelligence is keeping an eye on three tankers anchored at an Iraqi pipe-

line terminal in the Persian Gulf. U.S. officials say they are worried the oil-laden vessels might head for nearby Iranian waters and unload the oil to be sold through Iran.

"So far we have no indications of Iraqi tankers in Iranian waters," said State Department spokeswoman Margaret Tutwiler.

"We would expect Iran would take appropriate measures to prevent circumvention of the embargo in their territorial waters," Tutwiler said.

The CIA estimates that the naval blockade by the United States and its allies has stopped most of Iraq's oil shipments. The little that escapes the blockade goes mostly to neighboring Jordan, officials said.

The administration has turned a blind eye to those transfers — which violate the embargo on Iraq — because it says Jordan has scaled back its oil dependence on Iraq and Kuwait from 90 percent of its needs to 40 percent.

Iraq only profits from the sale by getting Jordan to forgive some of its wartime loans, officials say.

Jordan, which had been getting oil from Iraq at cut-rate prices, will be unable to buy much of it elsewhere unless it gets a large infusion of foreign aid, say the officials.

U.S. officials say they are considering how best to help Jordan, which has also been inundated with thousands of refugees from Kuwait.

## Medical care adviser cautions students about heat, alcohol

By STACY ALLEN  
Of The Battalion Staff

While attending Texas A&M football games and yell practices are fun for most people, students should be aware of medical problems that can occur when fun is mixed with irresponsibility.

Dudley Wait, chief of emergency medical services at A&M, says heat that accompanies football games and heavy alcohol consumption during yell practice contribute to unnecessary medical problems.

Wait, a senior management major, says standing through games, not eating before kickoff and dehydration as a result of earlier alcohol consumption all are causes of medical cases frequently treated during games.

Most problems, he says, could be avoided through common sense, including eating before games, drinking fluids during the game and wearing a hat or sun screen.

To treat those who do begin to feel ill, two first aid stations are on the second and third decks.

The main station is at the north end of Kyle Field and is staffed with a doctor and nurse for more serious cases.

Although heat-related problems at games are concerns of emergency medical services, Wait says alcohol consumption before yell practice the night before home games is the major worry.

Problems occur because people drink too much and become sick or involved in fights or accidents, he says.

During the year's first yell practice, emergency care services received eight calls between 8 p.m. and 7 a.m., the majority being alcohol related.

Wait says he is not asking students not to drink before yell practice, but to know their limits.

**"We just want students to use common sense, act responsibly and be careful."**

— Dudley Wait, chief of emergency medical services

"We just want students to use common sense, act responsibly and be careful," he says. "We know drinking is going to go on, but it worries us when people do it to excess."

Emergency medical services is on campus in the A.P. Beutel Health Center, and is open 24 hours a day, seven days a week while A&M is in session.

Students needing emergency attention should call 9911, the campus' emergency number.

## Headin' out

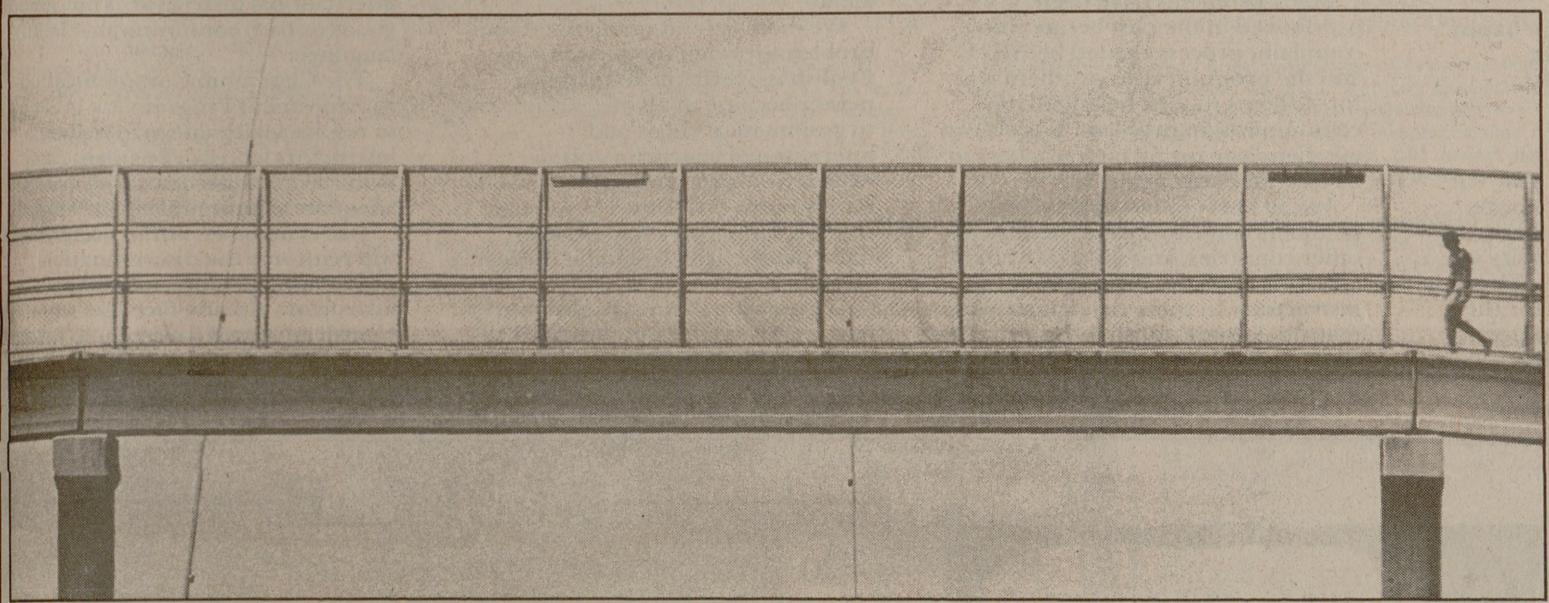


Photo by Scott D. Weaver

A student walks west across the Wellborn bridge late Thursday afternoon towards the fish lot.

## Mock GMAT to help students pass exam for MBA program

Texas A&M's first mock General Management Admission Test will be given this Saturday.

The GMAT is the admission test for the Master's of Business Administration program. A&M's MBA/Law Committee is sponsoring the mock test.

The test will be from 8 a.m. to 1 p.m. in 105 Heldenfels. Cost is \$6 and students can sign up in 216 MSC.

MBA/Law Committee Chairwoman Michelle Hood says the committee's purpose is to educate stu-

dents about the opportunities available to them after graduating from the MBA program.

But students first need help getting into the program — the reason for the mock test, she says.

Some post-MBA help is offered during the next few months.

Forty-eight law school representatives will be in the Blocker Building lobby Oct. 3. Thirty business school representatives will be there Oct. 11.

Forty-five former A&M students, prominent in their respective fields, will be the focus of a November symposium.

## A&M Student from Dallas dies

Funeral services for Texas A&M senior Gregory Allan Lewis will be Saturday at Restland Cemetery in Dallas.

Lewis, a 21-year-old physics major from Dallas, died Wednesday morning. Cause of death is unknown.

He is survived by his wife.

## Horizontal drilling pumps industry; vertical wells increase oil extraction

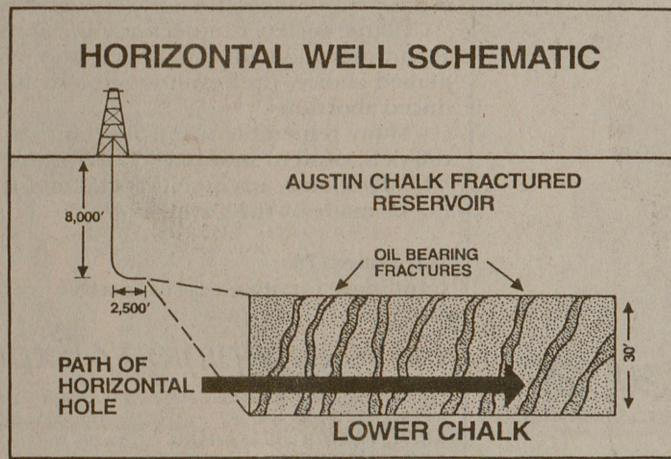
By BILL HETHCOCK  
Of The Battalion Staff

Uncle Jed on the Beverly Hillbillies made it seem easy. When one day he was shooting at some food—and up from the ground came a bubbling crude. Oil that is. Texas tea.

According to oil industry experts at Texas A&M Thursday, plenty of Texas tea lies un-tapped, but new drilling techniques are necessary to bring it to the surface.

**"Horizontal drilling allows us to drill perpendicular to the cracks and get higher production rates."**

— Dr. Hans Juvkam-Wold, petroleum engineering professor



neering professor Dr. Hans Juvkam-Wold said horizontal drilling normally produces three to five times as much oil as a vertical well. Some horizontal wells produce up to 20 times more than their vertical counterparts, he added.

However, horizontal drilling costs 1½ to two times as much as vertical drilling. Still, Juvkam-Wold said, the increased productivity often outweighs the higher cost of drilling.

"Horizontal drilling allows us to drill perpendicular to the cracks and get higher production rates," he said.

Dale Bossert, vice president of production for Union Pacific Resources, said horizontal drilling brings a quick return on investment in most cases.

"You get your money back quickly," he said. "In many cases you get it all back within a year."

Bossert said the concept of horizontal drilling has been around since 1891, but recent technological ad-

vancements have made it applicable to fields such as the Austin Chalk.

This technology consists of computer guided drill bits and new computer software. In conventional drilling, bits are controlled from the drilling platform, but in horizontal drilling, bits are driven by motors down in the bore hole.

Bossert expects horizontal drilling to have a big impact on the oil industry in Texas.

"We've just touched the tip of the iceberg in how to use this new technology," he said.

Dr. Steve Holditch, of A&M's petroleum engineering department, said horizontal drilling is creating another oil boom around the Austin Chalk oil fields in towns that live or die by the oil business.

"This is the fifth Austin Chalk boom, and this boom is coming about from a new technology, and that is horizontal drilling," Holditch said.

## Student circulates petition to protest change of parking lots

By TROY HALL  
Of The Battalion Staff

A change of Parking Lot 74's status has eliminated student parking spaces on the Texas A&M campus and caused frustration for many commuters.

Lot 74, on west campus, was changed from a blue permit area — for commuting students — to yellow permit parking — reserved faculty and staff — after the first week of the semester.

This eliminated nearly 50 percent of the student parking spaces, says Philip Donahoo, a junior landscape horticulture major from Plano.

**"Students who go to school here ... will all agree this is a nightmare. About 50 percent of the entire lot (lots 71 and 74) is staff parking. Of that, the staff side is probably, at most, 30 percent full at any given time. The day-student parking area is at capacity with people waiting in line. We have acres of land that could be graded and graveled for at least temporary parking"**

— Philip Donahoo, a junior landscape horticulture major from Plano.

"Students who go to school here, whether in the Horticulture Building, Kleburg, the Heep Building, or anyone who may need these places to park, will all agree this is a nightmare," Donahoo says.

The petition has been signed by several A&M faculty members and more than 100 students.

"I spent 45 minutes last Thursday morning with the petition and got 89 signatures just from people walking from the lot toward the Horticulture Building," he says. "Several signatures were from people who were actually waiting four and five cars deep in line for a parking place."

Kathy Mathis, parking, transit and traffic administrator, says many don't understand the change.

"It takes time to get the parking lot situation finished, and I don't think the students understand how the system works," Mathis says.

Faculty and staff have until Oct. 1 to purchase parking permits, Mathis says. By mid-October the parking spaces will be evaluated and changed as needed.

"We don't want empty parking spaces, just as students don't," Mathis says.

But Donahoo says that seems not to be the case.

## Parking available

Two new parking areas available to commuter students have not been full during the first few days the lots have been open.

Tom Williams, director of the Department of Parking, Transit and Traffic Services, says he believes the parking areas have not been full because most students do not know the lots are available.

Parking lots 69 and 91 are on the southwest side of campus between Kyle Field and the tennis courts. Both lots are reserved for commuter student parking.

The lots were opened last Friday.

If you have any questions about on-campus parking, call parking, transit and traffic at 845-9700.

Students also are invited to pick up a copy of the "Parking Tips to Survive 1990-1991" brochure at the offices, 717B University Drive, across from the Blocker Building.

in blue lots and are allowed to come and go as they please within any of the other blue lots, but faculty and staff are limited because they are only allowed to park in one lot," she says.

Mathis adds that she had been out to parking lots 71 and 74 to see the problem, but emphasizes that it takes a little time to evaluate and find the best solution to the problem.