## The flidland Reportet- Uelegram



## Hostages reported fit, but number held

 now questionable|  |  |
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| American clergymen were to meet with Foreign Minister Sadegh Ghotbzadeh today following the emotional Christmas services they held for the U.S. Embassy hostages that raised being detained. |  |
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| The clergymen also met with three other Americans who have been held separately at the Foreign Ministry since the embassy was taken over 53 days ago - Charge d'Affaires L.Bruce Laingen, Michael L. Howland and Victor L. Tomseth - and reported they found them in good health. |  |
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|  | of publicity but a chilly |
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| The Revs. William Sloane Coffin,Thomas Gumbleton and William |  |
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| Howard met for five hours early Tuesday with separate groups of hostages at the embassy, praying, sing. ing carols and talking about football. |  |
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| "There were tears in their eyes, there were tears in our eyes," Coffin said. Howard said he met with 21 of the captives, Coffin with 16, and Gumble- |  |
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| ton with six, including two women hostages, Elizabeth Ann Swift, 39, of Washington, D.C., and Kathryn Koob, |  |
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| Gumbleton, who was joined in conducting services by the French-born Algerian archbishop, Cardinal Etienne Duval, said the woman cap- |  |
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| tives were in "good spirits." Coffin said the students who seized |  |
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| the hostages Nov. 4 in a bid to get President Carter to send the shah back to Iran told them the 43 captives they met with represented the sum | Iranian government. We have not yet Hansen attempted unsuccessfully |
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| He said under the ground rules of the visit, which was filmed by the militants, that they were not allowed |  |
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| to ask the hostages or the captors about the State Department's conten- |  |
|  | tion there were 50 hostages. <br> The militants offered the film to |  |
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| American TV networks turned them down because the captors wanted more than $\$ 21,000$ from each and tried |  |
| to dietate how the film would be shown |  |
| Coffin, of New York's RiversideChurch, Gumbleton, auxiliary Roman | One hostage balked at an ayatollah's handshake and 33 were permitted <br> to send messages to their families as the stalemate at the U.S. Embassy <br> in Tehran entered its 53 rd day. <br> There was confusion over how many hostages were being held. Here |
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| Catholic bishop of Detroit, andHoward, a Baptist from Princeton, |  |
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| Howard, a Baptist from Princeton, N.J., later visited the Americans at the Foreign Ministry for three hours, then returned to the embassy Tues | There was confusion over how many hostages were being held. Here are the highlights. |
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| then returned to the embassy Tuesday night. | Three American clergymen met with Foreign Minister Sadegh Ghotbzadeh today following the emotional Christmas services they held for the hostages that raised questions as to whether 43 or 50 are being de- |
| They said the student captors handed them photocopies of handwritten |  |
| messages from 33 of the hostages to their families, and the clergymen te- | tained. |
|  | Revs. Wet witit three Americanss wom have been held separatelelyd alsoreign Ministry since the embassy was taken over 53 days ago - |
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| es simply as "expressions e," but why only 33 were recei | Tomseth - and reported they found them in good health. <br> They said the student captors handed them photocopies of handwritten |
| was not known.Meanwhile, Tehran Radio reportedmessages rom the to unidentified colleagues in New York who were to <br> telephoned the <br> contact the hostages' relatives. The clergymen characterized the mes |  |
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| one of the hostages, who was not identified, balked at shaking hands <br> sages as "expressions of love." |  |
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| with Ayatollah Hossein-Ali Montazeri of Tehran who went to the embassy in |  |
| greetings to the captives. | Tehran Radio reported one of the hostages, who was not identified, balked at shaking hands with Ayatollah Hossein-Ali Montazeri of Tehran |
| because we do not have any special animosity towards you," the broadcast quoted Montazeri as saying. "In | tives. <br> After his meeting with the hostages, the state radio said Montazeri told reporters: "It is not the hostages who should be tried, but the American government. If the hostages have not committed an offense, they will merely take part in the American trials as witnesses." |
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| cast quoted Montazeri as saying. "In Islam all human beings are free and equal. I hope Carter will exercise his <br> government. If the hostages have not committed an offense, they will merely take part in the American trials as witnesses." |  |
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| mind in such a released from here as soon as pos ble. | President Carter <br> President Carter, who stayed at Camp David, Md., close to Washington for Christmas because of the crisis, sent a message to the families of the |
| After his meeting with the hostages, <br> the state radio said Montazeri told <br> hostages, saying "we will prevail." |  |
| reporters: "It is not the hostages who should be tried, but the American | He told the families that their steadfastness and support during efforts to get the hostages freed have been "an inspiration to all of us who are making every possible effort to achieve the safe return of your loved ones." |
| government. If the hostages have not committed an offense, they will merely take part in the American <br> ones." <br> TV news coverage |  |
| merely take part in the American trials as witnesses." | The three major American telewision networks say they refused film of |
| The students holding the hostages, and the man they follow, Iran's revo | visits between the clergymen and the embassy prisoners after the captors demanded more than $\$ 21,000$ from each network and tried to |
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| lutionary leader, Ayatollah Ruhollah Khomeini, have said unless Shah Mo- | dictate how the film would be shown. <br> ABC, CBS, and NBC reported Tuesday that film of the Christmas Eve services was offered by the militant students for the networks' Tuesday evening broadcasts. |
| hammad Reza Pahlavi is returned to Iran that the captives will be tried as spies. |  |
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| $\checkmark$ IN THE NEWS: American teen-ager to be released from urk.h prison. | $\checkmark$ SPORTS: Arkansas the only ranked team among Southwest Conference quints................1C |
| :---: | :---: |
| $\checkmark$ animal Life: Excited human nursemaids cheer as dolphin gives birth............ 6 A | $\checkmark$ PEOPLE: Brassy but goodhearted heroine Joan Blondell dies at age 73..................12A <br> dies at age 73. |
| Around Town.............. 1B Dear Ab <br> Bridge.........................5B Editoria <br> Classified....................... 8C Lifestyle. <br> Comics........................... Obituari |  |
| utside | Service |
| ance of showers and much er Thursday. | Delivery.......................682-5311 Want Adss............. 68222 Other Cails.............. $682-5311$ |

## Oil exploration boom has started

## DETROIT (AP) - President Carter's decision last April to decontrol oil projects. That represents a 19 percent increase from the same p

 prices has triggered a boom ingeological and oil industry officials. The number of geological crews searching for oil in the United States "We've had an increase of 79 crews since April, wh
at its highest point in 20 years, a spokesman for the Society of Ex. is aration highest point in 20 years, a spokesman for the Society of Ex-
plorats
Nets,
The American Petroleum Institute in Washington reported that more
rotary drilling rigs are being used in domestic exploration now $-2,577$ than any time since 1957
And one of the nation's largest manufacturers of oilfield drilling equip-
ment, National Supply Co., is predicting an even greater boom in the
1980s.
1980s.
The geophysists society report that 408 geological crews are currently
involved in land exploration and another 31 crews are engaged in offshore

 National Supply President Ted Rogers said his company is project-
ing a percent increase next toar in the number of rotary drilling rigs in
use use for don andoration
"We've had a bullish outlook for the years," Rogers said. "But the
market is changing so fast that we're revising our own estimates up
ward.
According to Rogers, the number of wells drilled should jump from an
estimated 50,146 in 1999 to 53,085 in 1980 . estimated 50,146 in 1979 , to 53,085 in 19080
"Long-range, we're predacting 67,0000

WEATHER SUMMARY


Colder weather is expected Wednesday until Thursday morning for most of the nation. Milder temperatures are forecast for the
Pacific Coast. Snow and rain are forecast from New Mexico southern Colorado, west and central Texas and Oklahoma. (AP

Midland statistics




Tree climber protesting plight of Iran hostages
NEW YORK (AP) - A 27 -year-old
man, upset about American hostages
being held in Iran, climbed to the top being held in Iran, climbed to the top
of Rockefeller Center's 65 foot Coristmas tree early today and remained
aloft for an hour and 20 minutes before he was led down by police. shouted after two policemen helped
him down from the thick Norway $\mathrm{him}_{\text {down from }}$ Spruce at 3:40 a.m.
"He wanted to throw the star off the
top of the tree because be top of the tree because he thought th Christmas," Police Officer Frank Pewarskis said after he and Officer
Kevin Barry spent 30 vinutes in Kevin Barry spen
tree with Young.
"He was no trouble, We just talked said Pewarski, his back covered wi

## Much colder

weather due
Cold, cold weather is expected in
Midland later this week, and with the esevere chill may come a mixture
of rain and sinow this Friday and tem peratures in the low 20 s .
In the meantime, the mushy skie
are to turn to heavy.clouds sb tonig are to turn to heavy clouds by tonigh
and Thursday, which may keep the mercury from plunging into th freeze zone and may release show
ers Thursday, said a weatherman a ers Thursday, said a
land Regional Airport.
The weatherman has forecast a percent chance of rain Thursday. The low tonight is to be near 40, an the high Thursday is expected to rise northeasterly at 10 to 15 mph . The hight temperature Tuesday was
66 degrees, which approached the alltime high of 78 degrees for a Dec. 25 in
1955. The overnight low was 39 degrees, far from the record
degres on the date in 1939 .



Christmas package bomb injures paraplegic man


New York City. police lead George Young away after getting him out of the 65 .foot Christmas tree in Rockefeller Center early
Wednesday. Police said Young climbed the tree with the intention Wednesday. Pofice said Young climbed the tree with the intention
of throwing off the star from the top of the tree because he thought the American hostages in Iran should have been home for ,
Masonic hall seized by 'confused' gunman

| 33-year-old man who seized a Masonic hall because "he wanted everyone to know that Masons kill people" was captured when he fumbled with papers he was reading in front of television cameras, police said <br> The man, identified by police as Ernie Lassen of Fort Lauderdale, the hall for more than three hours Tuesday. <br> Police said he took two Masons hosiage at the beginning of the siege, but they escaped after about 10 mi nutes. One shot was firred and no one was injured. <br> Lassen was to be arraigned today in Salem District Court on charges of breaking and entering and assault with a dangerous weapon, police said. <br> "He said he did it today because he knew everyone would be home for Christmas," said Manchester police patrolman Joe Aiello. <br> He wanted everyone to know that Masons killed people and he talked about ways to get oil in the United |
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## Dump theft case leads to very happy Christmas



ODESSA - A 28 -year-old Odéssa
man died Monday from injuries man died Monday from injuries re
ceived in a traffic accident here, ac
cording to an Odessa police cording to an Odessa police spokes
man. Police said David Allen Rose was
driving a motorcycle east on Eighth Street. It collided with an automobile driven by Frank Frawley of Odessa in
the intersection of 8 th Street and
Meadow Street Meadow Street, police saidreet and
Rose was taken to Medical Center Rose was taken to Medical Center
Hospital where he later died of his injuries, according to the spokes-
man. No charges ha
spokesman added
Midland boy struck by car A 9 -yar-old Midland boy was listed in satisfactory condition today at Mid
and Memorial Hospital after being involved in a car-bicycle accident
Tuesday. Police were called to the 1990 block of South Lamesa Road at approxi-
mately 3:15 p.m. On their arrival, they reported see
Ong a child, Cuahutemoc Lujan Ta ing a child, Cuahutemoc Lujan Ta-
vares of 1725 S . Atlanta St., Iying on vares of 1725 S . Atlanta St., lying on
his back near the shoulder of the road According to reports, a car driven by
Allene Mitchell, 43, of 2000 W . Rhode Island Ave. was southbound in the also wack outhbound on Lamesa,
Police said Tavares attempted Police said Tavares attempested un
successfully to avoid the car. Aftesuccessully to a aoid the car. After
colliding with the bicycle, the ca continued for approximately 100 feet
where it struck a sign belonging where it struck a si
According to repeports, Tavares wa
thrown approximately 105 feet from thrown approximate
the point of impact.


Fire kills 11
in Missouri
Carrhace wour ap andy bata, kiling tur of the in The fire in the Samaritan Arms, a wo-story private home licensed by
the state, broke out about 3 a.m. Its cause was not known.
Officials identified the dead as Susan Dian Ritchart, 23, of Jasper,
Mo., and Cherryl Ann Finch, 28, be-
lieved to be frym Non ieved to be from Nevada, Mo.
Another resident, Laura Scott, 55 Another resident, Laura Scott, 55,
was taken to a hospital with burns of the hands and face.
John Mayfield, assistant director of John Mayfield, assistant director of
the Missouri Department of Mental He Missouri Department or mental
"ealth, said the home was licensed as
"a home for the mentally re"a group home for the mentally re-
tarded." He said the home was under con-
tract with the Mental Health Depart ment, which referred to
tally disabled persons

The Midland Reporter-Telegram



## HOME DELIVERY

films of hostage visit say they refused film of visits between Amerrican clergymen and the U.S. embassy prisoners in Tehran after the Iranian captors demanded
more than $\$ 21,000$ from each network and tried to dictate how the film ABC, CBS, and NBC reported Tuesday that film of the Christmas Eve
services was offered by the militant students for the networks' Tuesday evening broadcasts. two-minute message from Ayatollah Ruhollah Khomeini read by one of The networks would have to be shown, the networks said. have cost them $\$ 425$ a minute, or a total of $\$ 21,250$, spokesmen sid The militants also demanded that the film be aired all at once or in more than two half-hour installments if the film was used, the networks "The conditions they demanded were not acceptable," said Lester M.
Crystal, senior executive producer of NBC News NBC recently was criticized by some after it aired an interview with
one of the hostages under terms worked out with the Iranian captors. ${ }^{\mathrm{CBS}}$ and The militants have been holding about 50 Americans hostage since
Nov. 4, demanding the return of the deposed shah for trial. The shah is recuperating in Panama from gallbladder surgery and cancer treat-
ments.

## DEATHS



Joseph S. Birtciel Mrs. R.J. Maybin Horace Wright



Wise-cracking actress Joan Blondell dies at 73

dell, the brassy but good- "Center Door Fancy.", marry again is if some
hearted heroine of come- "We worked so hard one beat on my door at

$\qquad$ Suaday worked right into shed her brash, young
Shang image with the 19455 firm,
Although she once said "A Tree Grows in BrookAlthough she once said "A Tree Grows in Brook-
all she ever wanted was lyn." when Elia Kazan
"to have one husband "let me have a moment
"to "to have one hasband "let me have a moment
and one house and one of two of tenderness, of
garden, and a lot of chil. maturity, that nobody
dren," Miss Blondell had ever given me bedren," Miss Blondell had ever given me be-
onec had homes in New fore."
York and Hollywood In 1951, she was no-
and was married three minated for an Oscar for and was married three minated for an Oscar for
times.
her supporting role in
Her first marriage, in "The Blue Veil.". She Her was to cinegatog. went on to play a variety
1933. was George Barnes. of character roles, both
rapher George
They had one son, Nor- in films and on televiman, and were divorced sion.
For two seasons, start-
three years stater.
Shortly after, she mar- ing in 1968, she was the Shorty after, she mar. ing in 1968 , she was the
ried singer-ator Dick bawdy saloonkeeper,
Powell, father of her Lottie, on ABC"s "Here
daughter Ellen. They di. Come the Brides." In daughter Ellen. They di. Come the Brides." In
vorced in 1994, and in in she had a featured
1947 she wed showman role on the NBC series Michael Todd. That mar- "Banyon." NBC series
riage ended in 1950. $\begin{aligned} & \text { In 1978, she appeared } \\ & \text { She vowed in } 1972 \text { in the film "Grease." }\end{aligned}$


## WE WILL

BE CLOSED TOMORROW, THURSDAY DECEMBER 27th..
2 BIG COUPONS
. For rour holial Phoro fune CLIP THESE COUPONS \& SAVE
'Zoo parents' come through for Olga



.IN PREPERATION (Counting ano marking) FOR OUR ANNUAL JANUARY CLEARANCE SALE, STARTING FRIDAY, DECEMBER 28TH!


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| :---: | :---: | :---: |
| 7-BONE <br> STEAK <br> CENTER -CUTS- <br> \$169 <br> tb. | SHOULDER ROAST BONELESS -WASTE FREE- | GROUND <br> BEEF <br> FRESH AND LEAN - FAMIIY PAK. \$129 <br> Lb. |
| GERMAN SAUSAGE |  | \$ 149 |
|  |  | \$229 |
|  |  | \$779 |


| CUDAHY FRANKS -CHUCKWAGON- | CUDAHY SLICED <br> BACON -BULK SUCED. | VAN DE KAMPS FRIED HADDOCK -HEAT \& SERVE- |
| :---: | :---: | :---: |
|  | tb. | $\begin{aligned} & \text { 24.02. } \quad \$ 999 \\ & \text { PKG. } \end{aligned}$ |

## 'M'SYSTEM



TEN COMMANDMENTS FOR FOOD SAFETY Maintain refrigerator temperature at to 40 degrees $F$. Check trequently to be sure. 2. Maintain freezer temper ature at zero
degrees $F$. Check frequently to be sure. 3. Keep meat and poultry under refrigera-
tion atall time
and 4. For refrigerator storage - wrap loosely. 5. For freerer stor age - wrap tightly. 6. Thaw frozen meat and poultry in the
refrigerator. If time is a factor, thaw in a refrigerator. If time is a factor, ther.
water tight package under cold water. 7. Clean cutting boards thoroughly after
leath each use.
8. Keep pets out of the kitchen
9. Always keep hot foods hot until served. Ploses tupo the to our rotrigeratee
'M'SYSTEM

Increase in drug use big change AUSTIN, Texas (AP) - Outgoing Department of
Public Safety Director Col. Wilson Speir says an increase in drug use and a decrease in the speed lim
have been among the biggest changes during his 3 years with the department.
Speir, 62 , is retiring at the end of this year after DPS career that began in 1941 when he left his job a principal of Harmony High School in East Texas
Speir spent three years in military service during World War II.
The long-time law enforcement official was inte viewed on State Capitol Dateline, a public affairs "stations. "I had some adventure in my heart," Speir sal when asked why he made the switch from education
to law enforcement. "And at that time troopers to law enforcement. "And at that time troopers
made more than teachers. That probably isn't true any more."
He recalled that drugs presented "practically no
prober "The greatest negative we have seen is the gain the use of drugs, as widespread as it is," Speir said
"We have a society that is much more tolerant of wrongdoing than we had 40 years ago."
He said the crime rate has increased faster than the state's population growth. The department has grown but, "We've hardly kept pace with the growth
in population, the growth in automobiles and the ncrease in crime."
Speir said Texas The hirgway death rate when he joined DPS was
about 15 per 100 million miles driven. That rate has dropped to 3.8 per 100 million miles, he said.
Speir called the 55 mile per hour speed limit one of " greatest chailenges race by the department.
"Whas been a very, very unpopular law," he said. "With sucen a volume of violators we just have not
had the manpower to be as effective as we should be had the manpowe
with enforcing it.
The director
urgently needed to see it. The real morale problem is brought about by the fact there are several cities in the state that
pay more than the state scale. We feel like we ough to be on a level with them," he said. department to foll apart, but our turnover rate is up
some," he said. Speir, who will be replaced by Jim Adams, said he
will teach law enforcement courses at Southwest Jailed man's family won't return baby ATLANTA (AP) - The decision by family elders
to keep a 19 -month-old baby with his father's relatives in Pakistan may help free a man who
has been in jail here for nearly a year, the father's The Georgia Supreme Court ruled in October that Masood Salim, a Pakistani national, would have to
stay in jail until he returned the infant, Mohammad, to Salim's estranged American wife. But
the court also ruled that Solim may go free if he can
prove he is prove he is unable to hand over the child.
"All the family elders have unanimously decided
that your son will stay here in Pakistan," M. K. Salim wrote his 23 -year-old son earlier this month.
The letter, a copy of which was received by The Atlanta Journal, said Mohammad "is very hale and
hearty, and in the best of health and spirits. Being brought up in true Islamic principles and
culture, far away from the humdrum of city life, but auly escorted."
Salim's. attorney, J. Wayne Moulton, says the
der letter and a connirm is ue elephone call
father shows Salim is unable to return Mohammad to the mother and therefore should be released.
Salim's jail term began in August 1978, when a DeKalb County judge ordered him not to interfere
with his estranged wife, Sallie, and their son. But according to court records, Salim went to his
wife's house, picked up the child and carried him to Salim returned to the United States without Moto put
The letter from the baby's grandfather says the family will keep Mohammad in Pakistan "until he "You married a non-Muslim girl against the
wishes of us all and in defiance of the Islamic feachy well that we are governed by an age-old rigid joint-family system," the letter said.
"By so going you let us down baddy and made a laugning stockso to bring your wife to live in Paki-
you... promised
stan, who would convert in due course," the letter

Doctors told to repay Medicaid ATLANTA (AP) - Medicaid overpayments caused by a computer error and ranging from $\$ 2.50$
to about $\$ 10,000$ must be repaid by about 200 Georgia anesthesiologists, says the head of the state Depart
ment of Medical Assistance. Commissioner Chuck Pierce said the error result.
ed in an estimated $\$ 1$. million in Medicaid over ed in an estimated $\$ 1.5$ million in Medicaid overpay
ments.
"I want to makeit here,", he said. $\%$ nanesthesiologist would not neces-
sarily know if te or she were being overpaid." The overpayments began in ing overpaid.". 197 and continued until earlier this year, when it was discovered a
computer program did not reduce computer program did not reduce claims in accor-
dance with existing Medicaid guidelines. In some
dase cases, the computer increased the anesthesiologists The error has been corrected, and a full-time monitor now routinely checks for errors, he sald.
The anesthesiologists are legally required to repay the money, according to state Attorney General -...as a condition of participation the physician agrees to refund any overpayment for services." Approximately $\$ 560,000$ in state Medicaid fund
was involved, with the rest coming was involved, with the rest coming from the federa
government. Medicaid is a federal-state program government. Medicaid is a federal-state program
that helps pay for health care for the needy, aged
blind and disabled, and

The right signal to call is 682-6222
Midland Reporter-Telegram

## Iran students hold U.S. hostages 50 days; Terrorism triumphant?



65-year-oldsleuth finds bond certificate lost 71 years, now worth nearly $\$ 4$ million



18-year-old with dystrophy leaves sight



## 70s were top time for 'living it up'

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Tobacco spokesman
fires broadside at FTC

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Hirakawa, a rare Siberian crane at the Interanational IFC scientists have obtained a new potental oraser ertile eggs thus far by her mate, Wolf (background), s
18-year-old American prisoner released on bail from Turkish jail for Christmas


He keeps a padlock on the refrigerator where the man-made micro-life might be
$\underset{\text { By Wave SLATER }}{\text { Associated Press Writer }}$
PEORIA, III. (AP) - Most of Tom Pridham's menagerie is pabic, but he keeps a pade life might be

解 - "We maintain some odd kinds of microbial life," says Prid ham, the government's "zookeeper" for more than 70,000 orga
nisms from bacteria to yeasts, all kept on the third floor of a yellow brick laboratory building here.
Pridham's menagerie probably is the largest collection Pridham's menagere prob. As such, it likely will be the por - or at least a model for the place - where companie seeking patents on newly invented iife forms will send the
discoveries for safekeeping discoveres "Companies just send organisms here with a name," he say, "There is really no way you can detect some of these genetical
engineered forms unless you know what it is and what to enginere ford how to analyze it." Gene-splitting no longer is the stuff of science fiction.
fledgling industry using recombinant DNA technology has grown up in recent years and, recognizing there may be profit in
man-made life, has gone on the offense to protect its disco veries.
General Electric Co. is presently involved in a court case in which GE has tried to patent a "bug" which eats oil slicks and then in turn becomes food for fish. The U.S. Paten the U.S.
has held that a living organism cannot be patented and the Supreme Court has agreed to consider the issue.
The case is being watched closely by genetic researchers and could have a big impact on an emerging frontier of scienc of mechanically rearranging DNA, the building blocks of life. Pridham's facility at the Agriculture Departments samples of naturally occuring micro-organisms used in various industrial processes such as making alconol and andes send live samples of organisms either to Pridham or to another lab in Maryland as organ of the application. Those are the samples behind the locked
part refrigerator doors.
Pridham concedes that his refrigerator may already be home engineered life. But he's not confirming anything.
" Itry to maintain very strict control on patent cultures
prevent any leak of information." prevent any leak of information," control on patent cultures to
tist who is the fourth curator in the collection's tory.
The vast majority of the 70,000 inhabitants are not secret
because they are not because they are not involved in pending patent cases. They are
kept in about a quarter of a million test tubes stored in kept in about a quarter of a million test tubes. stored in
long lines of white refrigerators, unlocked, or in tanks of liquid In the lab adjacent to Pridham's office are stacks of boxes and
metal file cabinets holding cards which identify each strain and include a few details about what it looks like and what it does.
Agriculture Department ccientists use the samples in re. Agriculture Department scientists use the samples in re-
search. And the department has a policy of sending samples from search. And the department has a policy of sending samples from
the collection to outside scientists involved in legitimate research at universities or companies, Pridham says. Some of the inhabitants in Pridham's menagerie are old-time
members with excellent pedigrees, including the progeny of the members with excellent pedigres, including the progeny of the
original strain of penicillin discovered in 1928 by Alexander
Fleming Fleming.
Others are Others are newcomers like the still-unnamed bacteria recently
discovered in a cowpile which scientists believe can be used in the production of alcohol. But those a
man-made.
The issue. of creating life has sparked moral and environmental
controversy in recent years. Opponents have raised the controversy in recent years. Opponents have raised the spectre
of mutant forms polluting the air and water, or of a possible of mutant orms polluting ine air and water, or of a possible
subversion of the proces of altering genetic characteristics aimed at creating "a master race.
However Irving
Lilly \& Co., says research into gene-splicing is likely to lead to Lilly \& Co., says research into gene-splicing is likely to lead to
better and cheaper pharmaceuticals and new sources of chemi-
cals and energy cals and energy.
"Potential application of recombinant DNA techniques are
ander says.
A prim
limer A primary candidate for the first such product to reach the
commercialmarket is a synthetic insulin now being developed by a San Francisco Co. working under contract to Lilly.
Pridham, who also does research in addition to his role as curator of the collection, agrees, saying, "This business of test
tube babies is still a long way off,


NATURAL
VITAMIN A


NATURAL VITAMINS A \& $D$


COMPLEX WITH C (4) 9


VITAMIN

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