

The Redstone Rocket

VOL. XXVII; NO. 32

JANUARY 3, 1979

DA Energy Plan emphasizes conservation

By RALPH PERRILL

The Army's Energy Plan carries some sweeping objectives which reach into the next century. To read the plan means to feel the freezing sting of winter and the hot breath of summer — year-round comfort no longer.

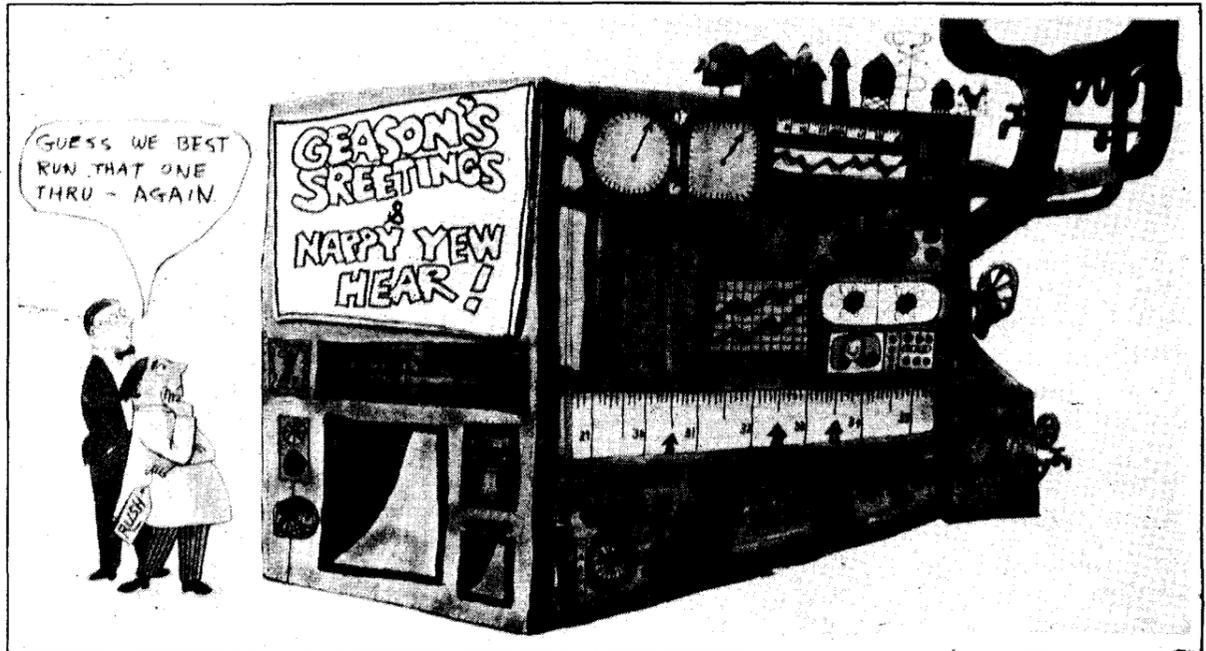
The Plan is based upon the assumption that no fossil fuels will be available by the turn of the century.

The zero use of petroleum fuels leads to some interesting facts bearing upon the problem of fielding an Army with something other than spears. And the Plan states that the objectives must be accomplished without degradation in the state of readiness.

For Redstone the job will be tougher than in some installations. It is among the highest of energy consumers in DARCOM. And DoD is the largest single consumer of energy in the nation.

In the Army's case 84 percent of the total energy use is in the facilities area and the remaining 16 percent for mobility operations. The initial attack on energy

(Continued on page 14)



AAFES helps with toy recall

DALLAS — The Army and Air Force Exchange Service (AAFES) is participating in the voluntary recall by Parker Brothers of four Riviton construction toys, which have been distributed nationally during the past two years.

The Riviton toys were withdrawn because of accidents associated with mis-use of the product, the company said.

AAFES has issued recall instructions for the four styles of Riviton toys presently on

sale: the style 100 Riviton basic building set, the style 200 Riviton expanded building set, the style 300 Riviton master building set and the style 2400 Riviton T-50.

Customers who have purchased a Riviton set from AAFES should return the toys to the nearest exchange for a full refund. Parker Brothers will also accept the toys directly at this address: Parker Brothers, Riviton Recall, 190 Bridge Street, Salem, Mass. 01970.

Army expert defines, discusses drug abuse



A topic of interest these days is the extent and effect of drug abuse in the services. ARNEWS interviewed Brig. Gen. John Johns, Special Assistant for Drug Abuse to the Secretary of Defense for Health Affairs, until recently the Army Director for Human Resources Development. The interview follows:

ARNEWS: Let's first clarify for readers what we're talking about when we say "drug abuse." Are we referring to the use of illegal drugs, drugs that are both illegal and physically damaging to users or what exactly?

JOHNS: There is no universally accepted technical definition of drug abuse. There are legal definitions of drug abuse, there are medical definitions of drug abuse, and then there are what I would say are operational definitions of drug abuse that a commander uses to determine how it influences the performance of the individual. I think it's important for us to realize that the legal definition is critical when we start talking about smoking marijuana versus drinking alcoholic beverages. For example, smoking one marijuana cigarette is illegal, while you could drink 10 martinis a night

and, if it doesn't impact on your performance to the extent your supervisor detects it, it is not alcohol abuse. Overeating or smoking too many cigarettes could be labeled abuse if they affect one's performance adversely.

ARNEWS: So you're concerned with both legal and medical definitions of drug abuse?

JOHNS: Yes, but probably more importantly, with the practical matter of performance.

ARNEWS: Official estimates indicate that 7.3 percent of all enlisted soldiers use hard drugs. You've called this a "serious drug problem, even at the most conservative estimate." Is this serious because it has a direct impact on military performance?

JOHNS: First, let me say that the figure you're using refers only to the Army, the only service that has done a service-wide survey on the use of drugs over a period of years. When we refer to this as a serious drug problem, even at the most conservative estimate, you only need use simple arithmetic to know that we're talking about nearly 40,000 soldiers who admit to the use of hard drugs at least occasionally. The problem is that we don't know how frequently they use those drugs

(Continued on page 16)

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OPINION

Resolved:

Never to write another New Year's resolution

IF YOU READ this column regularly, you must have noticed by now that I know some real loonies. One of the benefits of knowing such people comes at the first of the year, when I get to hear their New Year's resolutions. Here are a few choice examples:

Paula, who recently got stuck in the pitiable condition of having only enough money to buy one item of clothing instead of an entire outfit, has resolved never to go shopping again without a credit card.

Ed has resolved to clean his house whenever his beer supply runs out.

Mike has resolved not to hang up on Cheryl Ladd when she calls to ask him for a date, even though she is a married woman.

My sister Janet, who recently got to shake hands with Robert Redford, has resolved to wait another year before washing her hand.

Dominic, who only bets on a sure thing, has resolved not to gamble during months whose names contain the letter "w."

House Calls



by KATHY HOUSE

Ray has resolved to give up the loose women he now knows in order to concentrate on those he expects to meet.

Jean Marie has resolved to write the Great American Novel, the Great American Science-Fiction Novel, or the Not-So-Great American-Novel-Which-Becomes-a-Best-Seller, which ever seems easiest.

Glen has resolved to take his cat out once in a while and show him a good time.

And MY New Year's resolutions? Well, one of them was not to tell about any of the others. Though if Margaret Trudeau, Elizabeth Taylor, and Sophia Loren can go

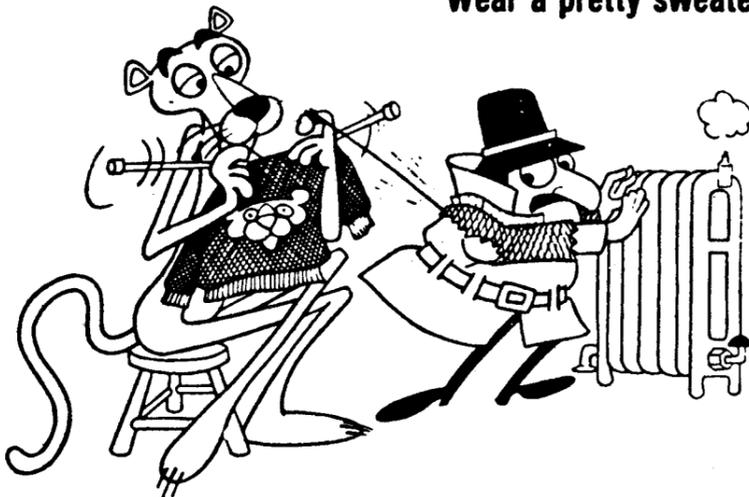
public, I don't see why I should hang back . . . But then, a resolution is a resolution. I don't want to start breaking them **THIS** early.

ON TO MORE serious matters. People have been wondering why the old commissary is getting a new roof, when we're already building a new commissary. Well, the reasons for the new roof are that the roof on the old commissary is leaking badly and the new commissary probably won't be finished by the projected deadline. Thus the decision to repair the old commissary's roof. So those of you that have commissary privileges can look forward to dry shopping.

ONE LAST REMINDER: the open season for changing health insurance policies was extended because some of the policies' brochures arrived late. But now the deadline is almost here again; if you want to change your policy, you have to do it by Friday, Jan. 5.

HAVE A HAPPY NEW YEAR!

TURN DOWN YOUR THERMOSTAT! Wear a pretty sweater.



Baby it's cold outside. And inside too, if you work for the federal government.

A maximum temperature of 65 degrees Fahrenheit will be maintained in arsenal buildings during duty hours this winter. This means we workers are going to have to bundle up some to be comfortable during the work day. If we have the good sense to

dress for the conditions, lowered thermostats won't be a hardship.

The energy crisis isn't gone—just forgotten by all too many. The government has not forgotten. It is conserving energy. That means lowered thermostats and colder workplaces.

Let's put on our sweaters and help save energy.

Letters

Expresses gratitude

I take this opportunity to express a very warm and heartfelt thank you from myself and my family to the many people who expressed their concern and sympathy over our recent loss.

The understanding and compassion that we received during this trying time was extremely comforting. Your open hearts will never be forgotten.

Raymond B. Swaim

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The Rocket is published weekly, on Wednesday. The publisher will receive editorial content for publication in the Rocket through the Information Office, Army Missile Command, Redstone Arsenal, Ala. 35809, Bldg. 5250, Room A-134, Extension 876-1400 or 876-1500.

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Think you're a leader? Apply now for MARED

Local Army commanders are urging eligible employees to apply for DARCOM's 1979 Materiel Acquisition and Readiness Executive Development (MARED) program now open to individuals in grades 13, 14 and 15 who have significant duties directly related to supply, procurement, quality and reliability assurance, materiel maintenance management and science, and nonconstruction engineering.

Careerists who have been downgraded to GS-12 through no fault of their own are also eligible to apply.

Applications must reach Activity Career Program Managers by Jan. 22.

Instructions for applying were sent to employees in December.

The program offers an opportunity for eligible personnel to receive competitive training that could lead to leadership positions in materiel development and readiness, grade 16 or higher, in DARCOM or other elements of the Department of Defense.

Both formal training and developmental work assignments designed to challenge and expand managerial and technical abilities are included for personnel selected to participate in MARED.

Individuals who apply must be willing to relocate geographically and organizationally, and must expect to remain in federal service for a minimum of five years. Those not selected for the 1978 MARED program must re-apply for the 1979 program if they wish to be considered.

Intent of MARED is to develop individuals so they will be ready to assume high level positions as vacancies occur. Promotions come about as the result of competitive procedures under the appropriate career program or other merit procedures.

Instructions sent to eligible employees said, "In addition to basic requirements for applying, personnel must have demonstrated high level intelligence, initiative,

imagination, judgement, and superior potential for advancement to managerial positions of great responsibility."

Basically the application and nomination process consists of application by the employee; rating by his or her supervisor; preparation of an Individual Development Plan; endorsement by the Activity Career Program Manager; technical review by the Civilian Personnel Office; review and rating by the joint MIRCOM-MIRADCOM MARED Board; and nomination by the Commander.

Application, supervisory appraisal and Individual Development Plan forms may be obtained from Jessie Blevins, Civilian Personnel Division, Training and Career Management Branch, Bldg. 7437, Room 132, or by calling 876-5850 or 876-5814.

Further information about the program may be obtained from the MARED Action Officer, J. D. Foster, 876-5814.

Applications not submitted through channels cannot be accepted.



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IF YOU LIKE INDIVIDUALITY AND TREES, call to see this gleaming four bedroom rancher with lavish use of custom features all its own with sunken living and pleasant dining room just right for candlelight dinners with family room. Stone fireplace radiates hospitality where doors lead to patio. Assume 19,900 equity and 539.89 and move right in. RVC 1202. Landmark Gallery of Homes Inc. 881-4900.

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CATCH A FALLING PRICE TAG. The seller is motivated to move and has dropped the price \$1,000 on this lovely home. Three bedrooms, two baths, formal dining, eat-in kitchen and cozy den with brick fireplace can all be yours to start the new year. This SW listing is a great buy at \$38,800. S4200. Landmark Gallery of Homes, Inc. 881-4900.

MAGGIE IS READY!! This four bedroom two story is ready for a new owner. Conveniently located on Maggie Avenue. It is close to schools and shopping. There is plenty of room for a growing family to enjoy it—living, dining combo, big eat-in kitchen plus den and master suite. Maggie is ready for you so call today. \$43,500. M3520 Landmark Gallery of Homes, Inc. 859-4660.

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"What would you suggest for the Army's list of New Year's resolutions?"



SSG Stewart Smith, Co. A —
 "That we the people of the Army may strive to be a better part of that Army and to try and make that organization more responsive to the people's needs."



PFC Marilyn Warren, HHC MIRCOM —
 "That the military leave system be similar to the civilians, where we don't get charged for weekend days, and that Gate 10 on the Arsenal be open after 6:00 p.m."



Maj. Sherrill Chaffin, MIRCOM —
 "Improve the recruitment process to include the quality of personnel, and to improve the overall personnel management system, both enlisted and officer."



SSG Edward Collier, Co. B —
 "One would be to bring the military pay up to the civilian pay. Two would be don't put allied officers in the chain of command of the American soldiers. And three, make every attempt to get the staff required for a military installation, such as medical staff and personnel required to fulfill the mission of the unit assigned, because many are tremendously under staffed."



SP5 Frank Carter, Co. A —
 "I'd suggest a revamp of the present promotion system and recognizing people who are doing a good job and not getting any thanks for it."



SSG Earl Vittitoe, Co. B —
 "Make Redstone military. Everything seems to have a dual structure here. The students and instructors have a dual chain of command and — a chain of command through the schools, and another one through the battalions. Also, to remodel all the barracks on post, especially the open bays."



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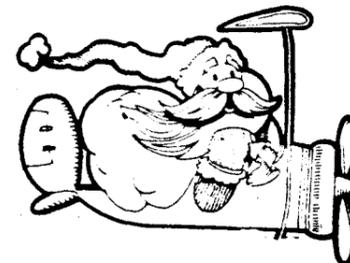
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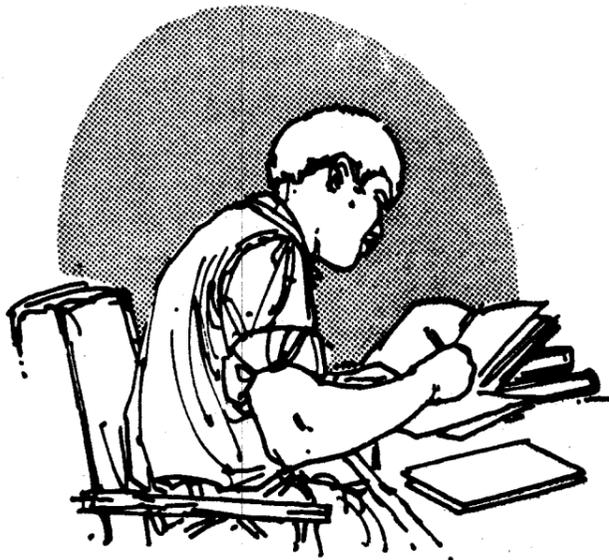
IRS promises easy tax forms for '78

WASHINGTON (ARNEWS) — Filing your taxes for 1978 should be easy, according to IRS officials. Tax tables for 1978 are the same as 1977 and the form is practically identical.

So, if your 1978 income is less than \$8,000 (for a family of at least three) you can look forward to an "earned income" rebate. If you're over the \$8,000 mark, plan on paying additional taxes for 1978 to offset pay hikes.

Since forms and tables are so similar to last year's, the IRS will have forms and instruction books for Form 1040A ready for mailing or pickup at post offices early in 1979. Last year's distribution of the forms was delayed because the IRS was printing late in the year to make changes in new tax laws.

IRS officials estimate that a majority of U.S. households will be able to use the 1040A



form. And they say that most taxpayers find it a simple form to use.

Anyone who used the 1040A form last year should not need any coaching for this year's form. And virtually all new form users will find all the help they need in their instruction booklets. If not, the books also list local IRS information phone numbers where tax assistants can offer advice.

If taxpayers desire, the simple form is designed to let them fill in vital information. The IRS will finish the job and figure your taxes for you.

Most soldiers will be able to take advantage of the easy 1040A form. As a rule, you may not itemize deductions, you may not earn more than \$400 in interest or \$400 in dividends, and your income must be \$40,000 or less if filing a joint return, or half that if you file alone.

The "earned income" rebate, up to \$400, is available to taxpayers who: earned less than \$8,000, pay more than half the cost of keeping a household in the U.S., are married and filing a joint return and a dependent child.

There's no pressing rush to file your 1978 tax forms. Although finance centers should have W-2 withholding statements ready within weeks, you have until April 16 to file returns. Extensions are easily granted, especially to soldiers overseas, by simply notifying the IRS that you'll be late.

If you're expecting a tax refund, however, the sooner you file, the quicker you'll get your return. An early January filing will usually mean your refund will reach you early in February.

State tax obligations this year are going to be new to many soldiers since the Army now deducts income taxes on behalf of many states. The variety of laws and information on state taxes is too varied to go into detail here. So, if you have state taxes deducted or if you have questions on state tax liability, see your Legal Assistance Officer.

Special soldiers sought for exhibit teams

WASHINGTON (ARNEWS) — The U.S. Army Recruiting Support Center, Alexandria, VA., is looking for a few special soldiers for a very special mission.

The Support Center schedules and conducts tours with 12 to 15 exhibits highlighting the Army. These exhibits cross the United States in a series of nine to 11-month tours. Soldiers assigned to the exhibits serve as drivers, display attendants and set-up crews. They also assist recruiters in answering questions about the Army.

Exhibit team members, men and women, serve a two-year tour on special duty assignment (MOS OOD). Almost all a team member's time is spent on temporary duty assignment with exhibits or "on the road."

Volunteers for the exhibit team must satisfy some tough prerequisites. They must be able to work on their own, without close supervision. Mechanical competence is helpful, and the ability to drive Army trucks is essential. Applicants must be able to learn to operate heavier commercial road vehicles. They must present an

exemplary appearance and must possess outstanding military bearing. The support center looks for experienced soldiers with initiative. Exhibit team members must be able to communicate. They must be at ease in public.

Married soldiers are discouraged from applying because separations due to continuing TDY are not conducive to good morale.

The support center is looking for exhibit team members in grades E-5 through E-7, but a few positions are available for sharp E-4S.

Volunteers for the U.S. Army Recruiting Support Center's exhibit team must be concluding an overseas tour or assigned to a CONUS station (not on orders for an overseas tour).

If living out of a suitcase for months on end appeals to your sense of adventure and love of travel, contact your first sergeant and start the wheels turning. Correspondence should be addressed to operation officer, U.S. Army Recruiting Support Center, Cameron Station, Alexandria, VA. 22314.



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COLUMBIA COLLEGE — MINIMESTER 1, 1979

JANUARY 8, 1979 through MARCH 3, 1979

Course No.	Course Title	Days	Time
ENG 101	English Composition I	M-W	5-7:30
ENG 102	English Composition II	M-W	7:30-10
BUS 281	Accounting II	M-W	5-7:30
BUS 281	Accounting II	T-T	5-7:30
BUS 231	Principles of Marketing	M-W	7:30-10
BUS 368	Current Issues in Business	M-W	5-7:30
BUS 370	Advanced Management	M-W	7:30-10
PA/GOV. 305	Administrative Regulation of Business (The Quiet Revolution)	T-T	7:30-10
MATH 350	Statistics	T-T	5-7:30
PSY 203	Child Psychology	T-T	7:30-10
AJ 221	Corrections Process	T-T	5-7:30
AJ 331	Juvenile Delinquency	T-T	7:30-10

Registration for the above classes is continuous from 4 December, 1979 - January 8, 1979. Classes are open to Active Duty Military, their dependents, and civilians employed on the Arsenal. The Columbia College office is located in Room 6, Building 3486. The Office hours 9:00 AM to 3:00 PM, Monday through Friday.

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By HELEN REED

He leans back in his chair, puts his hands behind his head, smiles, and says with evident pleasure, "I'm retiring January 5."

Jim Blackburn, one of the best known officials in the MIRCOC Civilian Personnel Division, says he thinks 35 years of Government service is enough.

"This was no overnight decision," he says. "My wife and I had been talking about it for a year. I've talked to others who have retired, and they tell me they are glad they did it. I want to be free to do what I want to when I want to — to do all kinds of things I would enjoy."

"I'm glad to say goodbye to punching the time clock, figuratively speaking, meeting short suspenses, dealing with crises after crises, and having a tight schedule to meet. Many days I don't have a moment to gather my thoughts between meetings, telephone calls, counseling sessions and follow-up in recruitment and placement actions."

"My fondest memories are of the many fine people I have had the privilege of associating with and working for and with over the years. These are too numerous to mention. I also remember the 50's and early 60's when we were hiring and building staffs as opposed to the last few years when it has been going the other way and we had to decide who had a job and what kind. (He is referring, of course, to the repeated RIFs that have beset commands and agencies at Redstone from 1970 on.)"

"It was an interesting time when we had the German team move here from Ft. Bliss in 1950."

"Later there was the establishment of the Army Ballistic Missile Agency (ABMA) and the Army Rocket and Guided Missile Agency (ARGMA), and the excitement of launching of Explorer I. I wasn't directly involved in the scientific work for that, but I was hiring the people with expertise to do it."

"Then there was the September in 1960 when we transferred 2,000 Army workers en



Jim Blackburn

masse to NASA to form the Marshall Space Flight Center here.

"In 1961 we amalgamated ABMA and ARGMA."

"Came the 1970 RIF and we ran two 10-hour shifts in Civilian Personnel, working day and night to determine employee placements when 1,172 spaces were reduced."

"I'm proud of what we were able to do during that RIF. We brought in teams from other Government agencies and private industry from all over the country and Alaska to interview people who were losing their jobs, and because of our outplacement efforts, less than 300 were separated."

"More recently there has been the division of the Army Missile Command into two Commands. My name went on over 6,000 letters telling people of their assignments."

"If I have hurt anyone in this business, I assure you it was not intentional. It has been strictly a process of protecting the rights of all individuals. I've done this with my head held high. Oh, I've made mistakes, but my objective was always to make the best possible placements based on qualifications and to have understanding with people about their assignments."

"As I said before, one of the finest parts of my career has been getting to know so many outstanding people and working with them. I feel I have lots of friends here."

Talk to people in the hall at Civilian Personnel who have worked for Jim Blackburn, or worked with him, and they'll tell you, "This is a loss. He has all kinds of knowledge he can have only from experience. He is recognized Army-wide for his expertise in his particular field."

He started to work for the Army at Huntsville Arsenal after three-and-one-half years in the Army Air Force where he had been in personnel work. His first job was as a junior protective equipment worker at 65 cents per hour, and later as a Supply Clerk. "George O'Reilly and I inventoried every piece of installed equipment on the Arsenal," he recalls.

This was a temporary job. Later he came to work in Civilian Personnel where he gave typing tests to prospective employees, rated the tests, referred people for job interviews, and when they were hired, typed up all the necessary papers. He was soon promoted to a better position.

Since 1959 he has held his present position, Chief of Recruitment and Placement.

In parting, he says, "I don't want to seem egotistic, but I'm proud that I made a contribution toward planning for, recruiting, and maintaining a well-qualified work force in the several commands and activities serviced by the Civilian Personnel Division. I am very fortunate, too, to have made a lot of friends."

The Blackburns will continue to reside in Huntsville.

CERAMICS & SUPPLIES

HAND CRAFTED GIFTS

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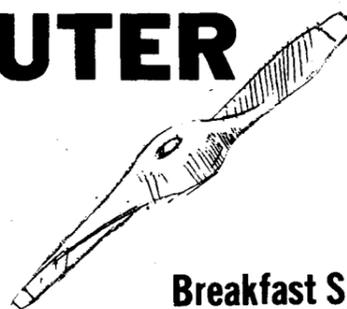
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The R&D Command will hold its blood drive in the fallout shelter two floors under the west wing of Bldg. 4500 between 8:00 a.m. and noon on Jan. 5.

Donors should park in the lot adjacent to the west entrance.

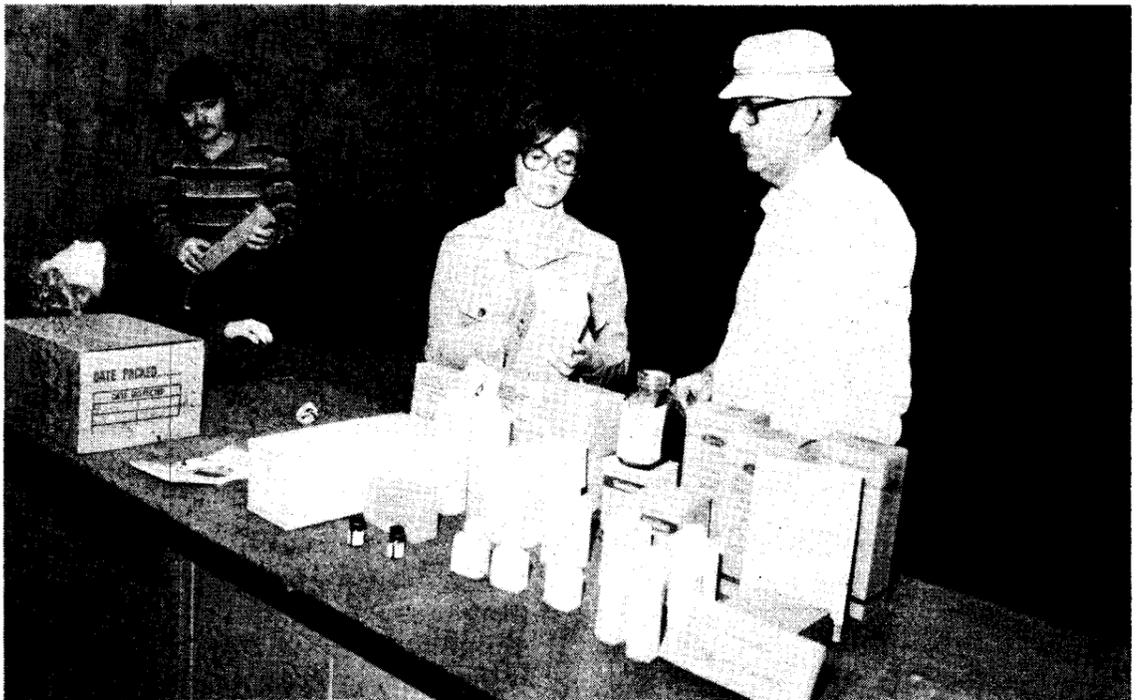
In addition to the usual refreshments for donors, entertainment will be provided. And this entertainment could prove to be a lifesaver. Donnie Rogers of the MIRCOM Safety Office will present a film on cardiopulmonary resuscitation (CPR) entitled "A Life in Your Hands." "Resusci Anne," a doll used to teach CPR techniques, will also be on display.

The Civilian Personnel Office's Training & Career Management Branch will be offering CPR classes to all interested Army military and civilian employees on Redstone beginning in late January. This is a good chance for employees to see what CPR is all about, according to Janice Moore of CPO. Details about the program are yet to be announced.

RASA's Emergency Plans office will have a display on fallout shelters. Such items as radiation detection kits and medical kits for use in shelters will be on view, as well as literature on all aspects of the fallout shelter program at Redstone.

Edgar Croomes, coordinator for the blood drive, urges all personnel to come and give blood. Demands on blood supplies are always greatest during the holiday season, Croomes noted, adding that each individual donor will truly be giving a gift of love to a fellow human being.

For reservations, call Lawanda Dorsett at 876-4321 or 876-4768.



Donnie Rogers, left, and Oliver Patrick prepare displays as Janice Moore looks on.

New officers may benefit from GI Bill

WASHINGTON (ARNEWS) — Some officers who entered on active duty before Jan. 2, 1978 may still be eligible for G.I. Bill educational benefits, according to officials at the Army's Adjutant General Center (TAGCEN).

A recent decision by DOD and the Veterans Administration (VA) states that persons who entered in the Reserve Officers Training Corps program before Jan. 1, 1977, and were commissioned and served on active duty before Jan. 2, 1978, are eligible for educational benefits under the G.I. Bill.

The G.I. Bill, which provides servicemembers with up to 45 months of financial aid for education, was replaced

with the Veterans Educational Assistance Program (VEAP) for persons entering the service after Dec. 31, 1976. The new VEAP program requires that servicemembers contribute to their own education benefits. The VA provides two dollars for each dollar set aside by soldiers for post-service education.

The recent ruling applies only to officers who took part in ROTC programs before Jan. 1, 1977, and served as officers before Jan. 2, 1978, say TAGCEN officials. All servicemembers who came on active duty after Dec. 31, 1976, are eligible to participate in VEAP.

\$9 went a long, long way in those days

Ah, the good old days, when a guy or gal could go on TDY and get along just fine on nine bucks a day.

Those days are gone forever, but some

folks remember them well. Among these are Carl Boles, Hazel Eidson and Charles B. Johnson. These three worked in the old Finance Division back when \$9 was the per

diem rate. They doled out TDY money in cash, until that day in early January 1954 when their office issued its first check.

"We were a class B office until Jan. 4, 1954," said Boles. "That meant we couldn't write checks. All the payroll and commercial account checks had to be sent down from the Memphis Finance Office. Then we came an accountable dispersing office, with check writing authority."

That first check, number one, was made out to Brig. Gen. Thomas K. Vincent, then Commander of Redstone Arsenal. It was for \$6.75, a partial day's TDY. Hazel Eidson typed the check and the Finance Officer, Capt. K.Y.H. Ahana, signed it by hand. The office lacked check writing and signing machines, so at first all checks were typewritten and hand-signed.

"Capt. Ahana and Josephine L. Smith, his deputy, signed thousands of checks," said Boles. "They were the only two authorized to sign them." Ahana and Smith are both retired. Smith resides in Huntsville.

Times have changed. In those days the Finance Division was separate from the Comptroller. It was the only later that it became part of the Finance and Accounting Division, under the Comptroller's control. Johnson is still with F&A, but Boles and Eidson have moved on: he to Chaparral-FAAR, she to TOW-Dragon. And when they go on TDY, they get a check printed and signed by machine, and for a bit more money than nine bucks.



25 YEARS LATER — Carl Boles, Hazel Eidson and Charles B. Johnson hold

photocopies of the first check issued by the finance Division in 1954.

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Bomb squ



A student searches the crime scene for evidence.

Disposing of bombs may be an interesting and intriguing job but it can be a deadly one if the bomb technician makes the wrong move. Learning how to safely dispose of homemade bombs is what civilian public safety officers do in the Hazardous Devices course at the Missile and Munitions Center and School.

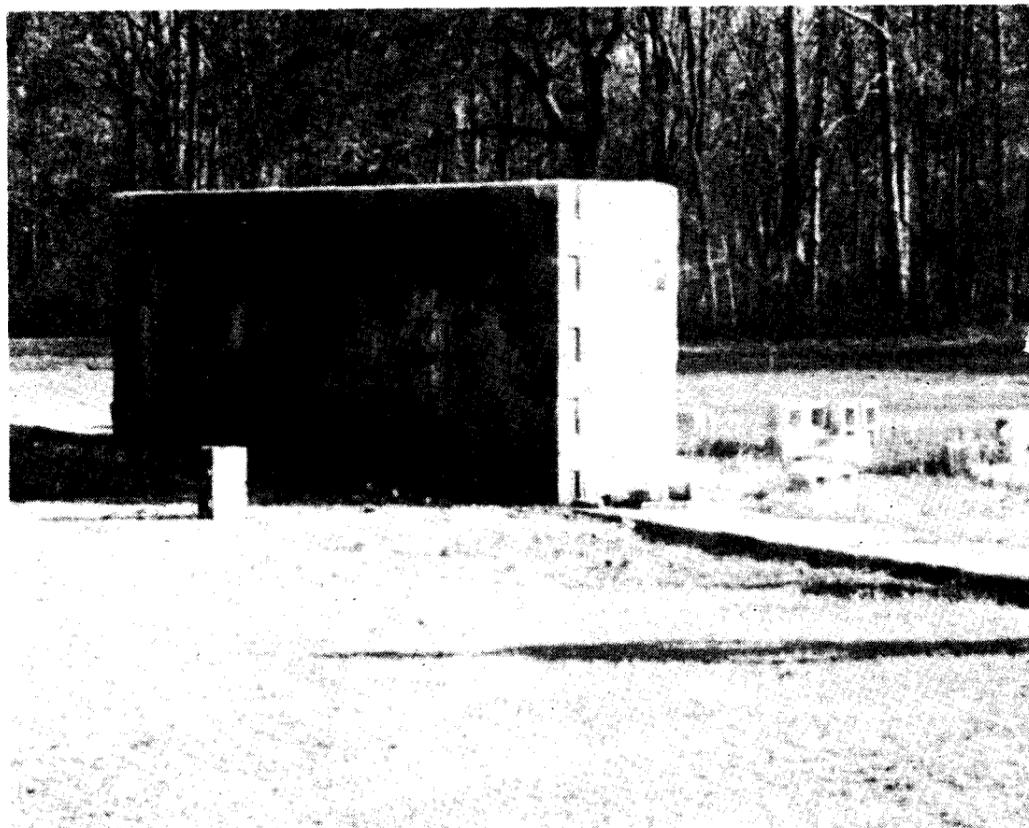
The course started in January 1971 by direction of the President. Since that time more than 2,421 civilian law enforcement officers have completed the basic course and 1,135 personnel have gone through the refresher course.

Funded by the Law Enforcement Assistance Administration (LEAA), students are taught how to deal with bomb threats and illegal use of explosives. Besides local and state authorities, students attend the course from all over the United States and some foreign countries such as Germany, Indonesia and Australia.

Located on the Hazardous Devices range are a wide range of training aids for explosive ordnance field problems. Salvaged



Civilian law enforcement officer places an explosive charge in demolition hole as an instructor looks on.



Molotov cocktail targets located on the Hazardous Devices range.

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military vehicles and equipment lend realism to the exercises. Simulated bomb disposal searches situations are conducted in offices and laboratories. Laboratory facilities range from motel rooms, cocktail lounges and school rooms. Old automobiles are used to show the effect of bombs on vehicles.

Headed by Captain J. L. Sutherland, the Hazardous Devices Office is staffed with 13 authorized instructors who teach ten basic and 16 refresher classes per year. Classes average 16 students.

Administrative arrangements — reviewing nominations of students and scheduling of students for courses — are handled for the LEAA by the Mississippi Division of Law Enforcement Assistance, the state's criminal justice planning agency. Law enforcement agencies nominate personnel for the training by filing applications with their state criminal justice planning agencies, which screen the applications and send them to the Mississippi agency.



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Obituary

Col. Keith T. O'Keefe

A funeral service for Col. Keith T. O'Keefe (USA-Ret.), former Redstone Post Commander during the late 1950s, was held Dec. 13 with burial following in Arlington National Cemetery.

He died in Rome, Ga., on Dec. 9 while visiting there with his wife, Marguerite. He and Mrs. O'Keefe resided in Cocoa Beach, Fla.

O'Keefe came to Redstone in August 1956 as Deputy Post Commander, serving in that job for two years until 1958 when he was named Post Commander of what is now

known as RASA. He left Redstone in 1959 for a new assignment as Chief of the Army Overseas Supply Agency.

Prior to coming here, he was commander of the Lordstown Ordnance Depot in Warren, Ohio.

After retiring from active duty, he was city engineer for a time in Troy, N.Y.

Later, O'Keefe joined NASA's Kennedy Space Center in 1966 as director of installation support during the time of major construction as the center prepared for the Apollo lunar landing program. His directorate employed 500 NASA and more than 3,000 contractor people.

He retired in late 1967 after suffering a disabling stroke although he later worked as a consulting engineer.



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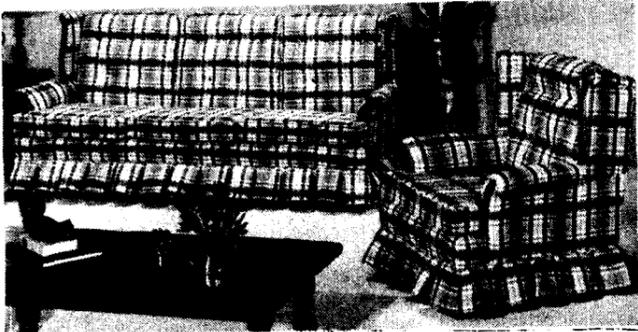
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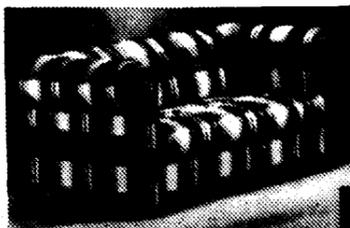
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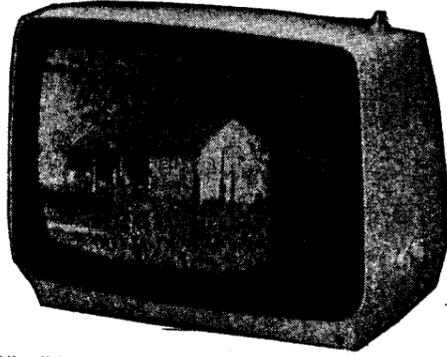
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Energy Plan

(From Front Page)

consumption has been against the facilities usage. This past year Redstone met its facilities energy reduction goal which was three percent less than the amount of energy consumed in 1977. The 1979 goal is two percent below 1978 usage.

In line with the Army's objectives, the facilities plan from Redstone includes changes in heating plants and most buildings. All depend on funding at Washington level. In the local plan is the addition to a steam plant of a boiler unit which can burn scrap and garbage generated on the installation. It will preheat the water which is used in steam heating of facilities. Last year a request had been submitted for construction of a new heating plant which could burn coal, or if necessary, other types of fuel.

One item of the future plan, will be to eliminate some windows on the barracks, insulate, and add storm windows to the remaining windows.

Affecting the housing area, a portion of the plan calls for radio control of the air condition systems. This will be an override to the thermostats.

The Plan also includes converting the transmission lines to a higher voltage. This brings less line power loss.

The Army is attacking the problem from the laboratories and hopes to devise more efficient engines which may burn substitute fuels. Also, use of other power, such as solar energy, is being studied. This ties into the DOD Plan to reduce dependency on petroleum products in order to assist in offsetting the nation's import percentile which changed from 35 to 50 from 1973 to 1978.

Defense level figures show that 44 percent of energy used goes for aircraft operation, 38 for installation support, 13 for ship operation and 5 for ground operations.

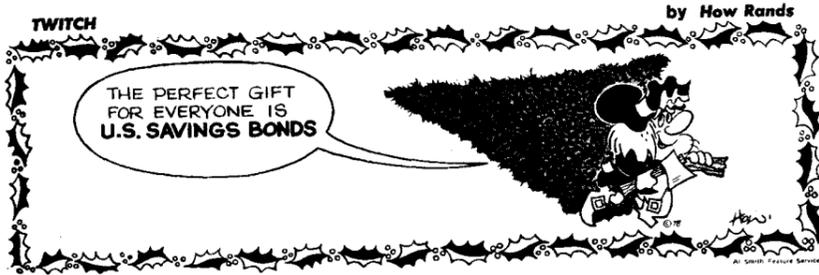
A sharp eye may mean money

The Facilities Engineering Division has developed a program appropriately referred to as Hiss\$ and Drip\$. The object is energy conservation.

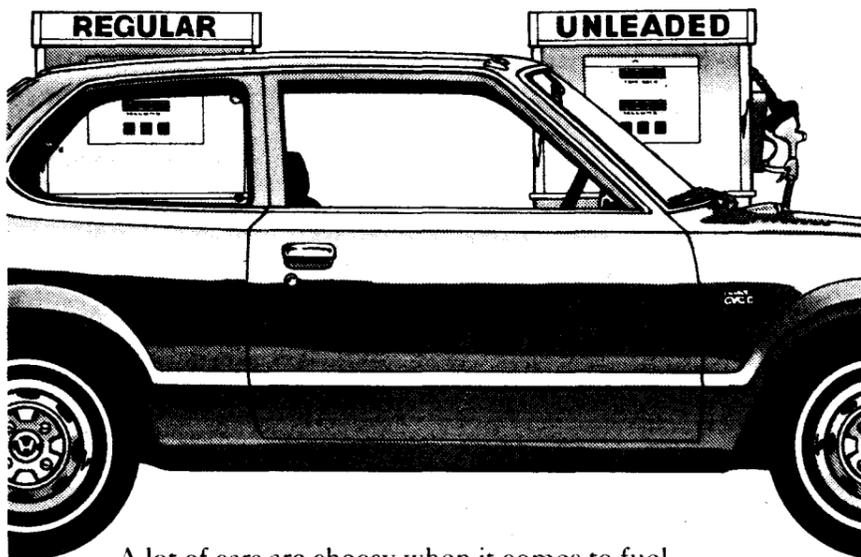
Any person spotting a steam leak or water drip should report the leak to Minor Repair at 876-2801. He should be prepared to give the location and nature of the leak, his name and telephone number.

Crews will be dispatched to check the leak and repair it at that time if the nature of the leak permits.

The Engineers have published figures which show that a leak 1-16 inch in size could add to the bill for water \$3.62, steam \$80.00 and compressed air \$19.63. For a 1/4 inch leak the figures climb for water \$57.15, steam \$831.32 and compressed air \$314.50. The figures are based upon the normal operating pressures for a month.



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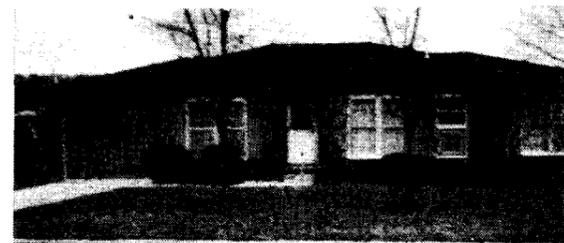
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- Teen Intermediate Class:** Thursdays, Jan. 11 through Mar. 15
 Time: 6 to 7 p.m.
 Featuring: Disco, Hustle, Jitterbug, Cha-cha, Mambo, Samba, & requested dances.
 Tuition: \$30 per student
- Beginner Class for All Ages:** Sundays, Jan. 7 through Mar. 11
 Time: 3 to 4 p.m.
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 Tuition: \$30 per student
- Beginner Adult Class:** Mondays, Jan. 8 through Mar. 12
 Time: 7 to 8:30 p.m.
 Featuring: Disco, Hustle, Jitterbug, Fox-trot, Cha-cha, Rumba, Waltz, Polka, & Tango
 Tuition: \$38 per student
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Drug Abuse

(From Front Page)

and on what occasions, whether it is the so-called recreational use, once a month, while on leave, or what. We would consider it serious just because that many soldiers see fit to play around with hard drugs in any form. Some of the drug users, about 1.6 percent, say they use hard drugs frequently. Well, there has to be some impact on their individual performance and military performance if they use hard drugs frequently.

ARNEWS: How extensive do you think drug use is in a duty environment as opposed to use while on leave, etc.?

JOHNS: We really don't know. We have to depend on the commanders and leaders who supervise the soldiers, sailors and airmen to determine how much duty performance is being affected by abuse. Reports from these commanders say that there is no significant impact on combat readiness, as a result of drug abuse.

ARNEWS: Hard drug use Army-wide is declining except in Europe. Do you attribute this to improved morale, or reductions in drug availability? Specifically, what circumstances are different in CONUS or other overseas areas compared to Europe? For example, Korea is a hardship area where amphetamines and barbituates can be bought easily and cheaply over the counter. But there's a bigger hard drug problem in Europe than in Korea. Why?

JOHNS: First of all, the statistics show that, during the last four years or so, hard drug abuse in the Army has been declining.

In the last year it has shown an upturn in Europe. That is true. As to the differences between Korea and Europe, we know that heroin, for example, and other kinds of opiates, are far more readily available in Europe. They're cheap and plentiful. In Korea, the laws and law enforcement against this sort of thing are so severe, there is very little available over there. True, barbituates can be bought across the counter, but the types of substances available in Korea are much more limited than what you can get in Europe. And I suppose that would be one of the factors. There may be other factors that enter into this, but we aren't sure.

First of two parts

ARNEWS: I take it you're more concerned with the problems in Europe because of the opiates?

JOHNS: Yes, that's true. And we've had an increase in the number of overdose deaths in certain parts of Europe which causes us concern. This may not be so much due to chronic drug abuse as cases where people who are just experimenters, people who are not addicts, foolishly kill themselves using relatively pure heroin.

ARNEWS: Do you find concentrations of drug users in specific types of units or in geographic areas?

JOHNS: We do have geographic areas that run higher than others. Generally speaking it's because of the availability of drugs. We also know that certain types of people are more prone to be drug abusers. For example, the high school dropout is much more prone to abuse drugs than is the high school graduate. If you look in a unit that has more high school dropouts, you would probably be safe in assuming that

there is a higher rate of drug abuse in that unit than in a unit where almost all are high school graduates.

ARNEWS: Do attitudes of tolerance toward alcohol and marijuana use significantly hinder drug abuse and treatment efforts?

JOHNS: I believe the attitude towards marijuana makes it impossible to prevent its use. The fact is that among youth today, and apparently from the evidence we can get, among a lot of young adults, the use of marijuana is not seen as a drug problem but a legal problem. And there is a great deal of controversy about the legal restrictions. So that makes it very difficult to enforce. Hard drugs — that's another matter. I don't think this applies there. I don't believe there is any tolerance in the military, on the part of the chain of command, towards hard drugs other than alcohol. The attitude towards alcohol does make it very difficult to prevent and treat. It's a socially acceptable, and legal, substance.

ARNEWS: How much does the trend towards more acceptance of marijuana use, similar to the acceptance of the use of alcohol, threaten the military mission and discipline?

JOHNS: I believe it does to a certain extent. Again, you must consider the degree of abuse, whether it be on a rare social occasion, out on field maneuvers, or during duty hours. I believe that the continued, heavy use of marijuana very clearly would be a threat to discipline.

ARNEWS: Does DoD have any active concern over the use of hazardous chemicals such as paraquine showing up in marijuana supplies?

JOHNS: No. We haven't taken a position on that.

The interview with Brig. Gen. John Johns will continue in the ROCKET next week.

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Registration is now open for the Winter 1979 Quarter for the following Courses:

COURSE NO. AND TITLE	CLASS BEGINS	CLASS ENDS	CLASS NIGHT
SM 5074 INTERNATIONAL LOGISTICS	22 JAN	2 APR	MONDAY
SM 5090 RESEARCH SEMINAR IN MANAGEMENT	22 JAN	2 APR	MONDAY
CM 5012 PROC & CONTRACT MGMT & ADMIN II	22 JAN	2 APR	MONDAY
SM 5012 SEMINAR IN MGR ACCOUNTING & CONTROL	23 JAN	3 APR	TUESDAY
SM 5068 INVENTORY CONTROL & MANAGEMENT	23 JAN	3 APR	TUESDAY
CM 5018 CONTRACT NEG & INCENTIVE CONTRACTS	23 JAN	3 APR	TUESDAY
SM 5013 BEHAVIORAL SCIENCE & MANAGEMENT	24 JAN	4 APR	WEDNESDAY
SM 5021 BUSINESS LAW	24 JAN	4 APR	WEDNESDAY
SM 5002 FINANCIAL MANAGEMENT & CONTROL	24 JAN	4 APR	WEDNESDAY
SM 5006 MANAGERIAL STATISTICS I	25 JAN	5 APR	THURSDAY
CM 5014 COST PRINCIPLES, EFF., & CONTROL I	25 JAN	5 APR	THURSDAY
SM 5014 MANAGEMENT INFORMATION SYSTEMS	25 JAN	5 APR	THURSDAY

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COURSE NO.	TITLE AND CREDITS	TIME AND DAYS
SCHOOL OF AGRICULTURAL AND ENVIRONMENTAL SCIENCE		
SOIL AND PLANT SCIENCE		
NES 531	Cytogenetics	4 3-5 W
NES 590	Adv. Topics in Soil and Plant Sci.	1-3 TBA
NES 591	Seminar	1 TBA
NES 598	Master's Report	4 TBA
NES 599	Master's Thesis	1-4 TBA
NES 561	Plant Growth & Development	3-10 TWF
FOOD SCIENCE		
FDS 531	Ruminant Nutrition & Metabolism	3 11-12 TTHF
FDS 544	Protein in Foods & Nutrition	3 9-10 MWF
FDS 597	Food Science Seminar	1 TBA
FDS 598	Master's Report	1-4 TBA
FDS 599	Research for Master of Sci. Thesis	1-6 TBA

EVENING CLASSES

COURSE NO.	TITLE AND CREDITS	TIME AND DAYS
SCHOOL OF AGRICULTURAL AND ENVIRONMENTAL SCIENCE		
AGRI-BUSINESS EDUCATION		
AGB 520	Advanced Welding	3 6-9 W
AGB 505	Phi. Admin. and Sup. of Voc. Edu.	3 6-9 M
AGB 611	Internship in Agribusiness	4-6 TBA
AGB 509	Advanced Studies	1-2 TBA
AGB 599	Thesis	6 TBA
ADULT EDUCATION		
AED 501	Principles of Adult Education	3 6-9 M
AED 503	The Community School	3 6-9 T
AED 506	Adult Development	3 6-9 TH
AED 528	Internship in Adult & Continuing Edu.	1-6 TBA
AED 502	Special Problems in Adult Edu.	1-3 TBA
AED 599	Thesis Writing	3-6 TBA
AED 556	Seminar in Adult Education	1 6-7 W
COMMUNITY PLANNING AND URBAN STUDIES		
CP 503	Comm. & Regional Planning and Practice and Principles	3 6-9 M
URS 513	Community Research and Analysis	3 4-7 T
CP 521	Comprehensive Planning Process	3 4-7 W
CP 556	Program Planning & Management	3 6-9 TH
URS 504	Internship	3 Daily
URS 510	Terminal Research	3 Daily
URS 544	Thesis	6 TBA
CP 516	Planning & Community Facilities	3 4-7 F
URS 536	Human Resource Planning	3 7-10 T
CP 528	Planning Research Methods	3 4-7 T
EARLY CHILDHOOD EDUCATION		
ECH 506	Curriculum Design	3 5-8 T
ECH 515	Infant Child & Family	3 5-8 M
ECH 518	Creative Experiences	3 5-8 TH
ECH 522	Research in Early Childhood Edu.	3-6 TBA
ECH 530	Montessori Concepts	3 5-8 W
HOME ECONOMICS EDUCATION		
HEC 505	Infant & Child Nutrition	3 5-8 W
HEC 508	Home Economics Research	3-6 TBA
HEC 511	Trends and Issues in Home Economics	3 5-8 M
HEC 527	Historic Costumes	3 5-8 TH
SCHOOL OF EDUCATION		
REQUIRED EDUCATION COURSES		
EDU 501	Foundations & Problems of Ed.	2 4-6 T
EDU 501	Foundations & Problems of Ed.	2 6-8 M
EDU 502	Educational Statistics	3 6-9 TH
EDU 502	Educational Statistics	3 6-9 M
EDU 503	Educational Research	2 6-8 T
EDU 503	Educational Research	2 6-8 W
EDU 504	School Admin. and Supervision	3 6-9 M
SECONDARY EDUCATION—READING		
EDU 615	Reading in the Content Area	3 6-9 TH
EDU 603	Field Research in Teaching Reading	3 6-9 W
SECONDARY EDUCATION		
SED 522	Independent Research	2 TBA
EDU 600	Adv. Curriculum Development	3 6-9 M
SED 530	Sec. School Curriculum	3 6-9 TH
EDU 542	Technique of Curriculum Development	3 6-9 W
EDU 527	Guiding Learning in Sec. School	3 6-9 TH
EDU 601	Philosophy of Education	3 6-9 T
EDU 611	Research Project	3 TBA
ENGLISH		
ENG 500	Writing for Graduates	3 6-9 TH
ENG 501	History of the English Language	3 6-9 T
SOCIAL STUDIES		
SSC 501	Historiography	3 6-9 T
SSC 513	U.S. Constitutional History	3 6-9 W
MATHEMATICS		
MTH 508	Linear Algebra	3 6-9 T
GENERAL SCIENCE-BIOLOGY		
BIO 563	Plant Taxonomy	4 2-4 MWF
BIO 543	Medical Physiology	4 10-12 MWF
BIO 510	Radiation Biology	4 6-9 TTH
BIO 522	Microbial Phys.	3 1-2:30 TTH
BIO 691	Special Topics	2-3 TBA
BIO 692	Research	2-4 TBA
BIO 699	Thesis	1-4 TBA
EDUCATIONAL ADMINISTRATION		
EDU 605	School Business Admin.	3 6-9 TH
SED 526	Supervision of Sec. Schools	3 4-7 M
EDU 548	Admin. & Sup. of the School Plant	3 6-9 M
EDU 557	Sec. Sch. Org. Admin. and Supervision	3 4-7 TH
EDU 547	School Finance	3 4-7 W
EDU 611	Research Project	3 TBA
EDU 507	Org. Sup. and Admin. of Edu. Media	3 6-9 W
EDU 543	School Law	3 6-9 T
ELEMENTARY EDUCATION		
EDU 556	Org. Admin. & Sup. of Elem. School	3 4-7 TH
EDU 598	Independent Research	1 TBA
EDU 599	Independent Research	2 TBA
EDU 512	Supervision in Elem. School	3 4-7 M
ELE 517	Sup. of Instruction in Children's Lit.	3 6-9 M
ELE 699	Thesis	6 TBA
ELE 513	Problems & Practices in Elem. Sch.	3 TBA
ELE 603	Research Project	3 TBA
ELE 604	Research Project	3 TBA
ELEMENTARY READING		
EDU 620	Seminar: The Rdg. Specialist	3 6-9 W
EDU 580	Diag. & Pres. Teaching of Reading	3 6-9 T

COURSE NO.	TITLE AND CREDITS	TIME AND DAYS
SPECIAL EDUCATION		
SPE 503	Behavior Disorders in Children	3 6-9 TH
SPE 536	Adaptive Tech. for Teaching the Emotionally Conflicted	3 6-9 W
SPE 537	Practicum in Emotional Conflict	6 TBA
SPE 531	Practicum in Learning Disabilities	3 TBA
SPE 527	Diagnostic & Clinical Teaching	3 4-5:30 MW
SPE 521	Intro. to Learning Disabilities	3 6-9 M
SPE 528	Rehabilitative Tech. & Prog. for the Learning Disabled	3 6-9 W
SPE 511	Internship for Teachers of Mentally Retarded Children	6 TBA
SPE 523	Readings in Special Education	1-3 TBA
SPE 501	Intro. to Study of Exceptional Children	3 6-9 M
SPE 507	Methods & Materials of Teaching the Mentally Retarded	3 6-9 TH
SPE 515	Delayed Speech & Language Development	3 6-9 M
PSYCHOLOGY AND COUNSELING		
PSY 559	Counseling Theory/Technique	3 6-9 M
PSY 561	Individual Testing	3 6-9 M
PSY 586	Advanced Social Psychology	3 6-9 M
PSY 611	Motivation & Perception	3 6-9 M
PSY 620	Counseling Practicum	3 4-6 W
PSY 621	Counseling Practicum	3 4-6 W
PSY 622	Clinical Internship	3 4-6 W
PSY 623	Clinical Internship	3 4-6 W
PSY 558	Use & Interpretation of Tests	3 6-9 T
PSY 590	Personality Assessment	3 6-9 T
PSY 582	Problems in Counseling Adolescents	3 6-9 T
PSY 502	Descriptive & Inferential Behavioral Statistics	3 6-9 W
PSY 587	Tech. of Behavior Modification	3 6-9 W
PSY 563	Learning Theory	3 6-9 W
PSY 625	Personnel Psychology	3 6-9 W
PSY 629	Psychology of Mental Retardation	3 6-9 W
PSY 580	Advanced Statistics	3 6-9 TH
PSY 560	Occupational Psychology	3 6-9 TH
PSY 633	Psychology of Impregnability, Illness, Bereavement, and Death	3 6-9 TH
PSY 571	Abnormal Psychology	3 6-9 TH
PSY 567	Organizational Psychology	3 6-9 T
PSY 637	Geriatric Health Care	3 6-9 M
SCHOOL OF LIBRARY MEDIA		
LIBRARY MEDIA		
LIB 500	Literature for Children	3 6-9 M
LIB 501	Literature for Young Adults	3 6-9 W
LIB 502	Supervision & Admin. of Multi-Media Pro.	3 6-9 W
LIB 504	Education Broadcasting	3 6-9 T
LIB 509	Audiovisual Media	3 6-9 M
LIB 519	Government Publications	3 6-9 M
LIB 527	Preparation of Instructional Materials	3 4-7 TH
LIB 606	Media Research	2 7-9 TH
LIB 607	Admin. Eval. of Media Programs	3 6-9 W
LIB 622	Practicum	3 TBA
LIB 621	Radio & Television in Education	3 6-9 T
LIB 601	Advanced Reference	3 6-9 TH
SCHOOL OF TECHNOLOGY		
TRADE & INDUSTRIAL EDUCATION & INDUSTRIAL ARTS EDUCATION		
TIE 502	Adv. Methods & Teaching T&I Subjects	3 6-9 T
TIE 505	Seminar in Voc. Edu.	3 6-9 W
TIE 506	Trade & Indus. Edu. Curriculum	3 6-9 M
TIE 550	Individual Research Problems	1-3 6-9 TH
TIE 599	Thesis Research & Writing	3-6 TBA
TIE 600	Contemporary Issues in Voc. Edu.	3 6-9 W
TIE 620	Teaching Voc. Education	3 6-9 M
TIE 602	Prog. Planning, Dev. & Coordination	3 6-9 T
TIE 647-648-649	Practicum	1 TBA
IAE 510	Teaching the Industrial Arts in Elem. and Sec. Schools	3 6-9 T
COMPUTER SCIENCES TECHNOLOGY		
CMP 470	Survey of programming Languages I	3 6-9 M
CMP 470	Survey of Programming Languages II	3 6-9 W
CMP 471	Survey of Discrete Structures	3 6-9 TH
CMP 480	Org. of Digital Computers	3 6-9 W
CMP 412	Intro to System Analysis & Simulation	3 6-9 T
CMP 481	Data and Storage Structures	3 6-9 TH
CMP 475	Microprocessors	3 6-9 M
CMP 490	Numerical Analysis	3 6-9 T
TGC 516	Indus. Org. and Management	3 6-9 M
CMP 521	Minicomputer Organization & Programming	3 6-9 W
CMP 540	Seminar I: Advance Switching Circuits and Logic Design	3 6-9 W
CMP 550	Thesis	3-6 TBA
SCHOOL OF BUSINESS		
BUSINESS EDUCATION		
BUS 522	Admin. and Sup. of Business Education	3 6-9 M
BUS 529	Improv. of Instruction in Bookkeeping and Accounting	3 6-9 T
BUSINESS ADMINISTRATION		
BUS 507	Business and Its Task Environment	3 4-7 M
MGT 561	Survey of Management Theory	3 4-7 M
BUS 508	Business Policy Interpretation	3 4-7 M
BUS 502	Managerial Accounting	3 4-7 T
FIN 543	Portfolio Management	3 4-7 T
FIN 544	International Finance	3 4-7 W
BUS 506	QBA	3 4-7 TH
BUS 500	Quantitative Methods	3 4-7 TH
BUS 504	Financial Management	3 4-7 W
MGT 564	Public Management	3 4-7 TH
BUS 508	Business Policy Interpretation	3 7-10 M
GBA 551	Government Contract Management	3 7-10 M
MKT 505	Marketing Management	3 7-10 T
MGT 565	Group Dynamics	3 7-10 T
GBA 553	Human Behavior in Org.	3 7-10 W
BUS 503	Organizational Behavior	3 7-10 W
BUS 501	Managerial Economics	3 4-7 TH
GBA 555	Operation Management	3 7-10 TH
GBA 556	Independent Research	3 TBA
BUS 506	QBA	3 7-10 TH
Early Registration Nov. 29-Dec. 1, 1978		
Regular Registration January 2-4-6 1979		
(9:00 a.m. to 12:00-1:00 to 4:00 P.M.)		
Classes Begin January 16		
For further information, contact Dr. Leon Bonner, Dean of the School of Graduate Studies at 859-7302 or 859-7303.		

Company B captures Sports Trophy

The 6th Annual Commander's All-Sports Trophy was awarded recently to Company B, Missile and Munitions Center and School, by the arsenal's Commanding General, Maj. Gen. Louis Rachmeler.

The trophy is awarded to the unit with the highest point accumulation from Basketball season to Football.

This is the first year Co. B has won the trophy. The pressure was on not to allow Co. A, which has won the trophy for the last two years, to cup it again. A unit who wins the trophy for three consecutive years keeps it and a new one must be purchased.

"I think it's outstanding in a way, because we didn't let Co. A have it for the third year in a row," said SP5 Kenneth Ellis, a member of Co. B who has played in various sports throughout the year.

"And we're going to keep it for two more years because of the outstanding athletes we have on the team," he added.

When asked how he felt about his unit winning the trophy, Capt. Keith Lenhard, commander for Co. B said, "I think it's fantastic! We're pretty spread out as a unit, and practicing and playing had to be done on the players' off-time duty only. One great plus we had was the dedication of the players.

And what does the trophy mean to the players?

"The cup gives the players some type of incentive to play next year, and hopefully it will generate more participation from others members of the company," said Ellis.

Only time will tell whether or not the trophy will be retired to Co. B, but they certainly proved themselves worthy this year.



Capt. Keith Lenhard, 1st Sgt. Wolfgang Grethmann and Maj. Gen. Louis Rachmeler.

Announcements

Gen. Shoemaker to address meet of AUSA, ADPA

The Commanding General of the Army Forces Command (FORSCOM), General Robert M. Shoemaker, will speak at a joint meeting of two groups supporting a strong military establishment here next week.

He will address the Tennessee Valley Chapters of the American Defense Preparedness Assn. and the Association of the U.S. Army on Jan. 11 at the Officers Open Mess.

The event begins at 6:30 p.m. Tickets are \$6.25 and can be reserved by calling Betty Whitman, 6-4414.

Gen. Shoemaker took command of FORSCOM in August 1978 after prior service as the Deputy Commanding General.

Engineer handbook

The US Army Materiel Development and Readiness Command announces the forthcoming publication in the Engineering Design Handbook Series: DARCOM-P 706-253 **Breech Mechanisms**.

Areas covered are configuration; design analyses; material selection; maintenance; and cost considerations. Historical and current data are presented.

This handbook will be available May 1979 for DOD employees and can be ordered through normal supply channels.

Government seeks treasury agents

Applications for the position of treasury enforcement agent (special agent, intelligence, IRS), GS-5-7, will be accepted by the Atlanta Area Office of the U. S. Civil Service Commission beginning Jan. 8.

The Atlanta Office is in the Federal Office Building, 275 Peachtree Street, N.E., Atlanta, Ga., 30303.

Prayer Breakfast

The National Prayer Breakfast will be observed locally on two separate days. Wednesday, Jan. 17, from 6:15 a.m. until 7:00 a.m. at the Recreation Center, Bldg. 3711, will be the first. The traditional observance will be Thursday, Jan. 18, at 7:15 a.m. in the Bicentennial Chapel.

Everyone is invited to attend. Please call 876-2337 or 876-2409 for reservations.

Orthopedic services at hospital to close

The hospital announced that beginning Jan. 4, the Orthopedic Service will be closed until further notice due to the departure from service of the only Orthopedic Surgeon at Fox Army Hospital. Due to a critical Army-wide shortage in this specialty, a military replacement has not been scheduled for Redstone Arsenal. From the date of this article until the closing date, only emergency orthopedic cases will be seen.

A hospital spokesman said that all efforts were being made to secure either a military or civilian replacement at the earliest possible date. In the interim, arrangements have been made to handle all active duty orthopedic cases at other military hospitals. Until the resolution of the problem, all dependent and retired care will be offered statements of orthopedic nonavailability for CHAMPUS use.

Babysitting courses offered by ACS

A Red Cross approved babysitting course will be offered at Redstone on Saturday, Jan. 13 and Jan. 20 from 8:00 a.m. until noon each day. Red Cross certificates will be awarded to those who complete the course. Charles Long, from Fox Army Hospital, will teach the course.

A babysitting safety course will be held on Jan. 27 from 10:00 a.m. until noon.

All dependents twelve years of age or older are eligible to attend. Reservations should be made as soon as possible by calling the Army Community Service Office at 876-2859 or coming to Bldg. 3484.

Redstone tennis organization meet

Although the air is chilly, tennis players here are already making plans for the 1979 season.

Most of the organized Redstone tennis activity will be channelled through the Huntsville Industrial League (HITL). This is the largest tennis club in Huntsville and in 1978 consisted of 44 teams which participated in matches and a tournament from March 1978 until the middle of September. Approximately 500 people played on these teams. The chief purpose of HITL is to provide a means for tennis players of approximately equal ability to meet and play each other.

In 1978 Redstone provided 5 complete teams plus many individual members for the remaining HITL teams. All people employed with MIRCOCOM and MIRADCOM are welcome to join the Redstone teams. This year for the first time in its 14-year history HITL will be headed by a Redstone player. Hal Peterson of the Plans and Analysis Directorate of MIRADCOM will be President of HITL during 1979.

HITL will meet at 7:00 p.m. Tuesday, Jan. 9, at the City Greenhouse at Brahan Springs Park. Any teams wishing to join for the '79 season should send a representative to this meeting.

OWC sign-up coffee

On Jan. 9 at 10:00 a.m. in the Officers' Open Mess, the Officers' Wives' Club (OWC) will hold its January Activity Sign-Up Coffee. Those attending may sign up for various activities OWC offers. If you are new to Redstone Arsenal, this is a chance to join the Officers' Wives' Club and see exactly what OWC has for everyone.

Reservations can be made from 9:00 a.m. to 9:00 p.m. until NOON Friday, Jan. 5, by contacting one of the following ladies:

A-E	Mrs. R. Daniel	837-6234
F-L	Mrs. C. Goodridge	837-4548
M-R	Mrs. R. Patterson	837-8052
S-Z	Mrs. P. Sitzes	837-6287

Cancellations will be taken by Mrs. R. Keller, 837-6772, no later than Monday, Jan. 8.



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2. CARS

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3. Miscellaneous

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Herculon living room suite, bedroom suite with box springs & mattress. 5 pc. dinette—all new. Only \$595 or \$8 wk. 536-3856.

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\$70's & Up

BE YOUR OWN DECORATOR with this beautiful 2 story home currently under construction in Weatherly Heights with 4 bedrooms, 2 1/2 baths, den with fireplace and large eat-in kitchen. \$70's. (04-10003-C) 883-1200.

EXCLUSIVE — Beautiful 2-story "Williamsburg" reproduction with some very unique features. Real brick floor in foyer, gorgeous dark hardwood floors through the downstairs, extra-spacious formal dining room with bar, wood box and real wood paneling in family room, very special 9x14 ft. Butler's Pantry, 4 bedrooms. (1 down) 3 baths, plus a rec room with 2 ways of access. This most unusual home is located in the Grissom Hill area and will be available in the Spring. \$114,500 (04-7826-HT) 883-1200.

ON A HILL WITH TREES — Here is the home you've been waiting for. Situated on a tree shaded lot with minimum yard work for more leisure time to play golf or whatever. This outstanding brick rancher offers it all. Just step onto the huge deck among the trees and watch the squirrels play and smell the bar-b-que smoke. Home featuring 4 bedrooms, 3 baths, formal living and dining rooms, den with fireplace and bookshelves, inside laundry, and a garage that beats all garages, over 1000 sq. ft. in garage. \$87,500. (04-HH3105). 883-1200.

6.7 ACRES — CLOSE TO MONROVIA SCHOOL — This lovely home on wooded lot, offers a great room with fireplace, formal dining room, 3 bedrooms, study, large eat-in kitchen, 2 baths, inside utility room, double garage, extra insulation, fish pond, completely fenced and crossed fenced, approximately 5 acres cleared. (06-1122-ICR) 883-1200.

ESTATE IN TWICKENHAM — The classic beauty is represented in this antebellum home. Built prior to 1824, remodeled, restored and preserved, the home possesses a formal grace and dignity which cannot be effaced by the passing of time. Home features 14 foot ceilings, beautiful moulting, six fireplaces. The double front porch, brick walk, 2 1/2 bathrooms, the original antique windows remain. Home is situated on a picturesque lot. Offered at \$350,000. (04-614-F) 883-1200.

WANT TO LIVE IN THE COUNTRY? Well look at this! This bedroom home recently renovated, horses barns, and twenty three acres. Lots of fruit trees and only twenty minutes from Haysland Square. \$72,500. (SR B-108) 883-1200

BE A GENTLEMAN FARMER ... live in a nice 4 bedroom, 2400 sq. ft. rancher, farm your own 27 acres. Home is in a beautiful setting, farm has 26.6 acres in row crops, 1/2 of frontage on A1. 69 Call Arab (1-753-2295) or 883-1200. (06-R3-8334-G)

5 BEDROOMS, 3 1/2 BATHS, in beautiful Mt. Charron ... Where you enjoy the 4 seasons of the year and breathe the clean air, and where the lots are large and wooded. Call to see this immaculate home with carpeting, draperies, appliances, the large entrance foyer (slate) leads to formal living room with fireplace, formal dining room, family room with fireplace downstairs, big laundry room, 4 bedrooms up, 1 down, huge patio shaded by mature trees, fenced back. Extra-nice floor plan. You will love it! (01-R-2004) 883-1200.

COUNTRY ESTATE. This estate is located in the City limits of Huntsville near Madison. You will enjoy the 24+ acres of land where you can ride horses, hike, target practice, or whatever your sport is. A lovely house with many conveniences is included plus a horse barn and large workshop. Price tab \$145,000.00. 533-1490. 06-FL-M.

THIS RANCHER HAS IT ALL — 4 bedrooms, 2 baths, foyer, living and dining rooms, den with fireplace, lovely built-in kitchen, breakfast area, inside utilities and large roomy double garage. \$71,000. (04-13008-A) 881-9111.

WHAT ARE YOUR FAVORITE COLORS? Then put them as the color scheme in this home that is now under construction in Camelot. This two story home has just what you have been looking for in a new home. 4 bedrooms, 2 1/2 baths, foyer, formal living and dining rooms, kitchen, breakfast room, inside laundry, double garage, and 2238 SQ. FT. of living area ... \$73,500. (04-2605-G). 881-9111.

COLONIAL CHRISTMASTIME in this lovely traditional 4-bedroom, 3-bath rancher on the golf course. Large foyer, living room, separate formal dining room with chair rail and crown mold, eat-in kitchen, family room with bookshelves and fireplace, large private playroom, workshop, terrace for summer parties in the fenced backyard. Energy saving extras add up to a low utility bill. Friendly neighborhood and comfortable, elegant living. All this for only \$74,900. (04-LF-708).

VIEW OF VALLEY—Beautiful built redwood two story home offers 3980 sq. ft. of luxury living. 4 bedrooms, 2 full 4 1/2 baths. Tomorrow's kitchen w/fireplace & enormous bi-level rec room featuring wall of glass enhanced by a large stone fireplace, 20' Cathedral ceilings and wet bar. \$110,000. (04-2708-B). 883-1200.

SOUTHEAST — Super large home for active family, being redecorated. Has four large bedrooms, 3 with walk-in closets, den w/fireplace, 580 sq. ft. rec room, inside laundry, huge foyer and living-dining room. \$75,500. (04-E-2520) 883-1200.

HORSE FARM — Beautiful 25 acre horse farm for only \$145,000. This farm is fenced, has year round spring, six stall barn and modern 2300 sq. ft. house. (05-FL-A). 533-1490.

PICK YOUR SHADE TREE ... and relax as the kids walk to school and the SE YMCA close by. Outstanding features of this new home include wooded lot, 4 BR's, family room, fireplace, decorator kitchen and quality extras found only in this price range. \$74,900. (04-B-10027). 883-1200.

A BEAUTIFUL SITE — Enchanting brick rancher nestled in the trees on spacious corner lot. Under construction now in Fox Run, this home offers 4 large bedrooms, cheerful kitchen with bay window in breakfast room. The family room which is situated conveniently close to the kitchen has fireplace and built-in bookcases. Large inside laundry room with 1/2 bath, 2 other full baths, foyer, separate dining room, double side-entry garage with workshop or storage area. Come see the plan and the site of this excellent ranch style home. (04-1202-7).

SOMETHING SPECIAL — 3108 sq. ft. of rustic living on 9.5 acres of beautiful land, located just east of Arab. This exceptional home, offers 3 bedrooms, 3 baths, 3 fireplaces, great room, rec room, fully equipped kitchen, dining room, double garage, master bedroom suite has its own fireplace. Gorgeous rock fireplace in great room. You must see, a bargain at \$92,550. (06-OBCA-R5). 1-753-2295 Arab or 883-1200.

BEAUTIFUL TWO-STORY — Pine Lake Village, Arab, 2361 sq. ft. of exceptional living area, located on a beautiful wooded lake with 212' of water front. 4 bedrooms, 2 1/2 baths, 2100 sq. ft. living room, dining room, eat-in kitchen, (fully equipped), large den with fireplace and wet bar. Large deck overlooking lake, central heat and air, double garage. 1-753-2295 Arab or 883-1200. (06-WCA-7).

PANORAMIC VIEW OF LAKE GUNTERSVILLE — from your 40 acre back yard. This like new 2290 sq. ft. rancher is located on one of Brindlee Mountains most scenic properties. Home features 3 large bedrooms, 2 1/2 baths, great room with recessed lighting and beautiful rock heatolator fireplace, large extra den or rec room, inside utility room and an oversized double garage. 26 of the 40 acres are tillable, the remaining 14 are beautifully wooded with several bluff building sites. Call Arab 1-753-2295 or 883-1200 today for an appointment. (06-R1B20A).

SURROUNDED BY THE MOUNTAINS — This lovely home in Camelot offers the beauty of the surrounding mountains plus 4 bedrooms, 2 1/2 bathrooms, foyer, living and dining rooms, large built-in kitchen, den with fireplace, inside laundry, double garage, and deck from which to view the mountains ... \$72,000. (04-2603-G). 881-9111.

VACATION ATMOSPHERE—in year around luxury living. 2 1/2 wooded acres on Brown's Creek with down town-Guntersville Shopping and school convenience. 3100 sq. ft. cedar and brick A-frame offers den with stone fireplace, rec room and study. Formal living, very large formal dining, built-in kitchen, sunny breakfast room, huge loft master suite with circular staircase and private deck over looking in-ground Roman swimming pool and river boat house with electric lift. Large cedar 2 car garage and separate cedar workshop. \$150,000. (06-GBC).

4012 PIEDMONT DRIVE, S.E. — Charm in the trees. Lovely 2 story home on a wooded lot in upper Piedmont. So much room, including 4 bedrooms, family room with fireplace, rec room, hobby room, specially equipped sewing area. Lots and lots of storage space!!! Beautiful neighborhood. Mid-80's. (4012-04-P). 881-9111.

\$60's

EAT YOUR EGGS in style in your screened-in porch while you watch the birds play in your fruit trees. You'll be proud to call this 3 bedroom home located near Randolph yours. Formal living and dining room with separate den downstairs. (04-2705-B).

TERRIFIC BASEMENT RANCHER on a lovely wooded lot offers formal living and dining rooms. Cozy kitchen with beautiful built-in crafted walnut cabinets. Den with fireplace and master bedroom have dutch doors leading to a big patio/porch. 3 Bedrooms + 3 baths. Downstairs rec room and a world of storage and unfinished area. Many extra built-ins. \$68,900. (04-8124-HH). 883-1200.

DO YOU WANT — Beautiful stone fireplace, cathedral ceilings, 3 bedrooms, 1 1/2 baths, living and dining rooms, den, study, eat-in kitchen, double garage, electric garage door opener, privacy fence and much much more, then you must see this beautiful contemporary in CAMELOT. Call now for more information ... (04-G-2603) 881-9111.

SOUTHEAST — Sparkling new Tri-level with den plus a recreation room, 4 bedrooms, 2 1/2 baths, fireplace, formal dining room, all-equipped kitchen with bay window affording panoramic view of the hills, inside laundry, decorated in popular earth tones, double garage. One of today's better buys in a new home. \$67,900. Any type financing. See it soon!! (04-1210-S) 883-1200.

LIGHT MY FIRE — Buy this delightful two-story with 4 bedrooms, 2 1/2 bathrooms, living room and separate dining room, entertain by firelight in the den and enjoy the many extras that come with this house ... \$60,800 ... (04-C-10008) 881-9111.

MADISON — Lovely "Old Brick" rancher on large lot. Featuring living room/dining room, large eat-in kitchen, den, 3 bedrooms, 2 baths, utility room, paneled double garage. Heavily treed across rear of lot! Many extras! (05-350-Y) 533-1490.

LARGE FAMILY needed for this tri-level home in Fox Run S/D. Features formal dining room, fully equipped, 2 1/2 baths and side entry double garage and that's not all! Come see for yourself and choose your own colors \$67,700. (04-C-14005) 883-1200.

ROCKMONT-ON-CARDESSA High above lake Gunterville rests a home of unique dimensions and character. A modified A-Frame, its three levels feature 4 bedrooms, 3 baths 28x24 Great Room with A massive full masonry fireplace, luxurious, fully equipped eat-in kitchen, and loads of storage. A full width deck perfectly compliments its setting on 2.1 acres of immaculately kept grounds featuring 600' of road frontage and intensely natural landscaping. It is pleasantly close (but not too close) to schools, shopping, Turner's Marina, Public docks, and the "Million Dollar View" of the lake below for absolutely nothing. (06-R2-Box 52 B). 883-1200.

11022 ROCKCLIFF DR. — In beautiful Mt. Charron Estates is this 2800 sq. ft. 2 bath brick home sitting on an acre plus wooded lot, fireplace opening to both the living room and den, sliding glass doors from den to 32x12 redwood deck shaded by mature trees, inside laundry, deluxe kitchen with large eating area, double ovens. One bedroom is completely separate and private, double side entry garage. \$64,150. Any type loan.

THIS VERY WELL CONSTRUCTED home in an ideal location is waiting your arrival. You will find approx. 3000 sq. ft. situated on two lots with an excellent view. The rooms are large enough for any type furniture. The living, dining rooms, and kitchen are beautiful, and the extra large eat-in kitchen accommodates the whole family. The upstairs has 2 full baths. The daylight basement is perfect for "in-laws" with bath, stove and sink, plus many other features. Priced at \$65,000. (01-WL-1004). 533-1490.

NEW LISTING — Dug Hill Rd. area ... features a gorgeous one acre setting and offers 3 bedrooms, 2 1/2 baths, large den and rec room, study, plus workshop and double car garage. It's a must to see. Better hurry on this one. \$65,000. (06-Box 248-9). 883-1200.

PERFECT LOCATION - PERFECT HOUSE - PERFECT INVESTMENT ... close to schools, shopping, S.E. YMCA, you'll love this brand new tri-level under construction. Features 4 BR's, den, family room, bay window breakfast area, fireplace, professional decorating. (04-C-9013) \$67,900. 883-1200

THE AMERICAN DREAM — Your ultimate goal in life, next to fame & fortune, is owning a impressive home w/quality features. Well here it is!! Beautiful construction such as the enormous great room w/FP, 3 lovely BR's, 2 baths, & a very large & formal LR & Sept. DR. Situated on 1 acre w/beautiful pine trees. (05-220-1AL). 533-1490.

9005 CANNSTATT — Newly completed 1970 sq. ft. brick rancher, beautifully carpeted in shades of green. Separate breakfast room next to pulman style, work saving kitchen with GE almond appliances (self-cleaning oven; butcher block counters complementing mellow wood cabinets. Separate formal dining room contrast the informal den with full corner fireplace. 4 bedrooms, 2 baths complete the ideal ranch plan. Very special at \$67,500. (04-9005-C) 883-1200.

WINNING POSITION — Position yourself close to YMCA, churches, and school in this beautiful new SE subdivision. Beautiful tri-level features 4 bedrooms, nice eat-in kitchen, large master suite plus a super rec room. It's professionally decorated and priced at only \$67,900. (04-9013-C) 883-1200.

DO YOU LIKE THE MOUNTAINS? Then this lovely rancher surrounded by the mountains is just for you. Features include foyer, living and dining rooms, den with fireplace, 4 bedrooms, 2 baths, double garage, inside laundry and many energy saving features ... \$66,000 ... (04-13004-P). 881-9111.

SPLIT-LEVEL — With all the features anyone would want in a home. Foyer, living and dining room, den with beautiful fireplace, 4 bedrooms, 2 1/2 baths, double garage and much more ... \$65,000. Energy Saving Home ... (04-13007-C) 881-9111.

BASEMENT RANCHER—4 bedroom home in Fox Run. Approximately 1 1/2 years old. Equipped kitchen with breakfast in living dining comb. den with fireplace, playroom downstairs, inside laundry, large double garage, deck, trees. Priced mid \$60's. Equity \$18,100. (04-W-2516).

JUST SAY SUPER — For the family who is especially particular and desire quality in every respect, we are pleased to offer this custom tri-level with foyer, spacious living room, dining room, deluxe modern eat-in kitchen, paneled den with fireplace, 4 bedrooms, 2 1/2 baths and wall to wall carpeting. Double garage and nicely landscaped lot in Fox Run ... \$62,900 (04-5-14009) 881-9111.

YOU WILL LIKE THIS TRI-LEVEL in desirable FOX RUN for only \$62,900. You will get 4 bedrooms, 2 1/2 baths, large den with fireplace, entrance foyer, formal dining room, a "Country House" kitchen with eating area for a large family and all built-ins, beautiful carpets and decorating. Call to see this lovely new home. Quick possession. Any type financing. Now is the perfect time to use your VA Loan, and watch your investment grow in Leaps & Bounds. (04-M-14003) 883-1200.

FIVE UNIT EFFICIENCY APARTMENT COMPLEX—Brick, one level, nice corner lot. Each unit has large LR/BR combination, nice kitchen eat-in area, large ceramic bath. Fully carpeted. All furniture & appliances & drapes remain, fully occupied. Returns \$120 each unit per month. (\$7,200 annual). Total price \$65,000. (2800PH) 533-1490.

WALK TO WEATHERLY SCHOOL — from your new 4 BR home. This home will give you formal living room, separate dining room, fully equipped kitchen and spacious breakfast area, den with FP and 1/2 bath on first floor, upstairs 4 large bedrooms, and 2 baths. This home is beautifully decorated in shades of dark rust carpeting and extensive use of wallpaper. Ready for your family. \$67,500. (04-9007-C).

CAMELOT — Just listed, charming 7 yr. old 2 story with 2300 sq. ft. of living area. Four large bedrooms, 3 full baths, foyer, den with fireplace, living room, spacious dining room, huge rear entry 2-car garage, storm windows & doors, power ventilator, beautiful landscaping. \$65,900. (2518-C). 883-1200.

TRADITIONAL — Ranch on lovely wooded lot. 1942 sq. ft. of living area. 4 bedrooms, 2 baths, thermopane windows. Stone fireplace and fully carpeted. (04-A-13005) \$64,400. 881-9111.

DO YOUR OWN THING — and decorate this rancher the way you want to have it decorated. If you hurry you can still choose the colors, carpets, wallpaper etc. of your choice. This home features 4 bedrooms, 2 baths, foyer, living and dining rooms, den with fireplace, breakfast area, double garage and patio ... \$68,000. (04-13002-A). 881-9111.

HUGE, HUGE MASTER SUITE — If you've got double kingsize beds they will fit nicely in this master suite. If you need lots of room (2744 Ft.) this home has it. If you need 4 bedrooms this is it. If you need a den here it is. If you need a rec room it's here too. If you need 2 1/2 baths lets get this home. Offered at \$66,900. A price you can't beat with a stick. (04-2002-W). 883-1200.

CHOOSE YOUR OWN — colors, carpets, wallpaper, etc. in this lovely rancher that is now under construction in Camelot. This home features 4 bedrooms, 2 baths, foyer, living and dining room, den with fireplace, large kitchen with breakfast area and much more. Call 881-9111 to see \$69,000. (04-13006-A).

FOR THE FAMILY THAT NEEDS MORE ROOM — Come look at this beautiful 4 bedroom 2 1/2 bath tri-level in beautiful Camelot. This home also features foyer, living and dining rooms, den with woodburning fireplace, modern kitchen with breakfast room, double garage and much, much more for your money. \$65,000. (04-13007-A). 881-9111.

DO YOU LIKE TRI-LEVELS? Then you will love this newly constructed tri-level in Camelot. This home features foyer, living and dining rooms, den, rec room and of course a fireplace, 4 bedrooms, 2 1/2 baths, double garage, inside utilities and much more for \$68,000. (04-13009-A). 881-9111.

\$50's

ARE YOU RUN DOWN LOOKING AT RUN DOWN HOMES???. Stop by for a pleasant surprise. Exterior just completely repainted. Interior fresh and clean and newly carpeted in bamboo (dusty gold). 1900 sq. ft. (2-story) with tile foyer, isolated living room, sep. dining room, gaily papered kitchen, sep. den with lovely dark-stained floors, 2 1/2 baths, 4 good-sized bedrooms, and lots of closet space. Super condition and ready to move in. Kids walk to YMCA and Weatherly Elem. \$53,500. (04-10007-A). 883-1200.

HAVE WE GOT SOMETHING FOR A LARGE FAMILY? You bet we have in this brick rancher with 2,900 sq. ft. of living area and four bedrooms. This home is located on an acre lot, walking distance to Oakwood College. (01-185BR). 533-1490.

SIP A MINT JULEP — while you relax on the (extra large) patio situated behind this lovely tri-level home. Just a hop to school from this (established) neighborhood ... 4 (large) bedrooms, 2 1/2 baths, COUNTRY-SIZE kitchen, SIZEABLE living room/dining room combo ... DEN with beautiful slate floors, SPACIOUS recreation room and DOUB. carport ... 2200 sq. ft. REASONABLY PRICED at \$57,500. CALL NOW! (03-H-3811). 533-1490.

NEW TRI-LEVEL — Located in Grant — Just 2 miles off 431 South. Well constructed tri-level with 2224 sq. feet of living area featuring foyer, living room, dining room, den w/wet bar, 4 bedrooms, 3 baths, kitchen w/breakfast bar w/built-in, double garage, storm windows. Purchaser may select carpet & color of appliances. Price at only \$57,900. (06-RT2-G-L21) 533-1490.

13105 CHANEY THOMPSON RD. ... is a new energy saver with finished basement (study, bedroom, bath laundry room, den) and upstairs you could live independently with great room, dining area, eat-in kitchen, lovely fireplace, 2 bedrooms (one on each end of first floor) 2 baths, and 2 car rear entry garage. See today! \$53,900. 881-9111.

WIDE OPEN SPACES ... surround this charmingly different tri-level. It's almost like a farm in the city. Features 4 bedrooms, 2 baths, den, double car garage. (03-2200-V) 883-1200.

BEAUTIFUL NEW BASEMENT RANCHER — Energy saving rancher ready to occupy and within walking distance to Mt. Gap School (elementary and Jr. Hl.). Give yourself a Holiday treat by investing in this 1976 SQ. FT. home. 3 bedrooms, 2 baths, dining area, rec room, study, great room with fireplace, 2 car rear entry garage. \$53,900. (04-13105-CT). 881-9111.

QUIET CUL-DE-SAC ... is awaiting you in this 3 BR rancher now under construction. Included is a formal living room & dining room, den with FP & bookshelves, fully equipped eat-in kitchen & inside laundry & side entry double garage. Pick your own colors. \$55,000. (04-A-1200) 883-1200.

LOOK AHEAD TO NEXT SUMMER — When you'll love this large new screened porch, nice fenced backyard. This 3 bedroom (could be 4 bedrooms) brick ranch has lovely new custom drapes, eat-in kitchen, formal living room, dining room, double car garage with fireplace. Nice Neighbors ... \$55,000. (04-1151-A).

TWO BASEMENT RANCHERS will have finished basements — (Spacious rec room for family fun — bedroom and bath for guests.) 2 BR's, 2 baths upstairs — fireplace, 2 car garage. \$53,900. (CT-881-9111).

1976 SQ. FT. of living area plus 2 car garage all add up to a neat package for the price. Rec. room and study, fully equipped kitchen, 3 baths (04-CT-14004). 881-9111.

3 BEDROOM AND STUDY or 4 bedrooms, great room with fireplace, 3 baths and tully carpeted. Walk to Mt. Gap School. (04-CT-14010) 881-9111.

STATUESQUE 2 story brick with large lot. Formal living and dining room, 3 bedrooms, 2 baths, den, rec room, study, den with stone fireplace. Storm windows and finished double garage. (02-JL-130) 533-1490.

IT'S IN TO BE OUT — Relax in beautiful Sunset Meadows. Rambling French Provincial by one of the best builders around. Quality construction very few houses offer. 4 bedrooms, 2 baths, large den with fireplace. Champagne appliances in kitchen. \$59,400. (02-JL-118). 533-1490.

GOURDNECK — Continue on Chaney Thompson Rd. from our new basement ranchers and turn right at Gourdneck. View a lovely new Spanish ranch — 3 BR's, 2 baths, 2 car garage. \$54,800. 881-9111. (Streets are paved and lots are ready for your selection.)

GUNTERVILLE LAKE — Holiday Shores — Authentic reconstructed 170 yr. old log house on 3 water front lots — 270 ft. Two hand-cut limestone fireplaces and foundation Cedar roof, hardwood floors, mature pine trees. Sandy beach. \$53,900. 883-1200.

IF — this seems high to you, take a look at the NEW screened porch, beautiful new custom drapes throughout, lovely carpets, 3 or 4 bedrooms, eat-in kitchen, fireplace in living room, NEW roof and more ... \$55,000. 881-9111. (04-M-11511)

BEST OF BOTH WORLDS. For those who want the privacy, peace and beauty of nature — yet quick access to schools, shopping or country club. New listing. Immaculate 4 bedroom rancher. Den with fireplace, new carpets. You'll love the deck facing a half-landscaped, half-natural wooded setting. Excellent neighborhood. Many other extras. (04-1308-WR). \$59,900. 883-1200.

\$40's

HURRY — for this terrific brick rancher won't last long!!! 3 bedrooms, 2 full baths, large eat-in kitchen, den, finished 2 car garage, storm windows ... \$47,950. Call 881-9111. (04-C-11318).

KEEP THE HOME FIRES BURNING ... all winter long in this charming living room of this beautifully kept tri-level. The formal dining room has inviting french doors leading to a patio. Three well decorated bedrooms, 2 baths, cozy den downstairs. Sunny kitchen offers extra cabinets & built-ins. All on a lightly wooded well groomed lot. \$42,900. (N-3925).

NEW LISTING ... LOW EQUITY is only one of the many features this home offers. This brand new home, never lived in, offers a large Great Room with rock fireplace, formal dining area, large eat-in kitchen, huge master bedroom suite with walk-in closet plus two other bedrooms, large inside laundry room and 2 car garage. If you're looking for a new home with a low equity, you have found it now! Call for further information. 883-1200. (04-1010-S).

CRAMPED? NEED SPACE? This large two story center contemporary features 5 bedrooms, 2 baths, spacious living and dining rooms. Lots of storage space. Huge den with sliding glass doors leading to patio and fenced back yard full of fruit bearing trees. Convenient to school and shopping. (01-KL-6012). 533-1490.

NEVER HAD A NEW HOME... Well, this energy saving basement is for you — only \$48,700 and time to choose your colors. What a GREAT ROOM with fireplace and a lovely eat-in kitchen — plus 3 bedrooms, 2 baths and an UNFINISHED basement with 2 car rear entry garage — and some trees thrown in!! (04-CT-14012). Call 881-9111.

LARGE DEN — The whole family will enjoy the abundance of space in the GREAT FAMILY SIZE home. Four bedrooms with isolated KING-SIZE master, SUPER large DEN central heat and air, and more. Mid 40's. Call today. (01-4024-S) 533-1490.

IDEAL LOCATION — Clean, excellent condition! Acre 10 1/2 with trees, LR separate Dr, Den, 3 BR's, 1 1/2 baths, fireplace for quick sale — This lovely brick rancher is a lovely well constructed older home. \$44,900 (SL) 533-1490.

DO YOU HAVE A FAMILY? Then this is the home for you featuring entry foyer, LR/DR combo, large den w/ study down. 1 1/2 baths, single garage, lots of storage. (04-R-2603). \$45,000. 533-1490.

QUIET AND PEACEFUL — Located in Grant — Just miles off 431 So. — New well constructed all brick rancher featuring foyer, super large living room, den, 3 bedrooms 2 baths, kitchen w/breakfast bar & built-ins, double garage. Purchaser may select carpet & color of appliances. Priced at only \$47,900. (06-RT2-G) 533-1490.

BEING REDECORATED — This four bedroom home has new carpet, new bath and new central air. If you need the space, you will want to look at it. Other features include eat-in kitchen, central gas heat, inside laundry, and single garage. Located at 2705 Sparkman Drive, and priced at \$45,000. Call today to see it. (0-5-2705) 533-1490.

CHOOSE YOUR COLORS — Carpets, appliances, etc. if you hurry. This rancher that is being constructed has Foyer, Great Room with fireplace, 3 bedrooms, 2 baths, inside laundry and modern built-in kitchen and more for \$47,500. (04-1034-S). 881-9111.

IF YOU HURRY — you can still choose the colors, carpets, etc. in this lovely tri-level being constructed in Woodridge South. This home also features, great room with fireplace, entry foyer, dining room, 3 bedrooms, 2 baths, inside laundry ... \$48,000. (04-1036-S) 881-9111.

BE THE FIRST — to own this lovely 3 bedroom, 2 bath tri-level in Woodridge South. This home offers entry foyer, great room with fireplace, dining room and many more features that you must see to appreciate ... \$48,000. (04-1019-S) 881-9111.

IMPRESSIVE GREAT ROOM — is just one of the fine features of this house. Entry foyer, dining room, 2 bedrooms, 2 baths, inside laundry, modern kitchen and much more for ... \$48,000. (04-1025-S) 881-9111.

RATED "G" ... for great family living in this new area convenient to Mt. Gap School. Also fun great room w/fireplace, 3 bedrooms, 1 1/2 baths and central air conditioning. Super back yard w/7' western cedar fence, large greenhouse and bird cage. New roof, paint and gutters. Total price \$45,000. Owner will consider financing. (01-2203-L). 533-1490.

COUNTRY RANCH — 2 1/2 acres — \$49,500. Just listed, this immaculately kept home features 3 bedrooms, formal dining, mud room, massive great room featuring a rock front heat-o-lator fireplace, screened sun porch, garden area. Only 17 miles from University Dr. and Jordan Lane. Additional acreage available. (06-RT2-TG) 883-1200.

GREENHOUSE AND PHEASANT CAGE — Go with this excellent brick rancher. Good NW street. LR/great room, w/FP. Large kitchen, 3 BR, 1 1/2 bath, central heat and air, carport, super back yard w/7' western cedar fence, large greenhouse and bird cage. New roof, paint and gutters. Total price \$45,000. Owner will consider financing. (01-2203-L). 533-1490.

MOVE UP — to this quality constructed brick home located in quiet stable neighborhood. This home features an entry foyer, formal living & dining room, den, roomy eat-in kitchen, 3 bedrooms, 1 1/2 baths and a double car garage. Also, you will find a patio with a privacy fence, fenced back yard and well established yard. Everything you need in a home. 533-1490. (C5006).

NEW LISTING — WALK TO TWO SCHOOLS — Madison Pike & West Lawn from this brick rancher in immaculately decorated on inside, featuring den with fireplace, 3 bedrooms, 1 bath, new carpets, ready to move into. Fenced on outside with garden with garden spot and utility bldg. Wonderful neighborhood. More details, call 533-1490 (03-BW-4602).

DO YOU WANT A TRI-LEVEL — Then come by and look at this 3 bedroom, 2 bath, tri-level that has just been started and pick your colors and carpets. This home also offers foyer, Great Room with Stone Fireplace, huge garage, storm windows, and many other energy saving features ... \$45,500. (04-S-1017). 881-9111.

3 BEDROOM RANCHER with 20 year siding. Great room with fireplace, 2 baths, fully carpeted. (04-B-13002). \$42,500. 881-9111.

\$30's

BE THE FIRST TO SLEEP HERE — Be the first to sleep in this new ranch home with attractive garage located in the Grissom area. Living-dining room, eat-in kitchen, fully equipped, 3 bedrooms, 2 baths, fully carpeted, central heat and air for only \$33,350. Call listing agent Barbara Auchter. Call now and you still pick your wallpaper and carpeting. (03-14011-G). 881-9111 or 883-2579.

LIGHT UP YOUR LIFE in this charming cedar and brick rancher with 988 square feet and garage. Three large bedrooms. Living room and eat-in kitchen. All decorated to a "T". Situated in a young neat neighborhood \$33,550.00. (03-14003-C).

RATED G — For Great Room and a large dining room in this rustic cedar rancher under construction. 3 large bedrooms, 1 1/2 baths, central heat and air. Energy saving home. Custom Decor ... \$34,900. (