

UCC Reports Best Opening Quarter

Sales And Net Income Hit New High Level

Sales and net income of Union Carbide and Carbon Corporation were the highest for any first quarter in the Corporation's history, Morse G. Dial, president, told stockholders at the annual meeting recently. "As things look to us at present," he said, "we anticipate a very satisfactory increase over 1955 in our sales and net income during the balance of the year."

Sales for the first quarter amounted to \$309,899,276, as compared with \$263,041,109 for the corresponding period last year, an increase of 18 per cent. Net income was \$36,231,322, or \$1.24 a share, for the first quarter. This was 28 per cent above net income for the first quarter last year, which amounted to \$28,397,079, or 98 cents a share.

In reviewing the Corporation's operations, the president of UCC mentioned that in the last 15 years Union Carbide has grown more than 20 per cent faster than the economy of the country as a whole. In 1955, Union Carbide sold more than \$3,000,000 of products for each billion of the gross national product. The 28 per cent gain in 1955 sales over 1954 was all as a result of a larger physical volume of product sold, since the Corporation's overall price averages actually decreased slightly in 1955.

Research, Construction Bills High
Facing a great deal of competition in a fast-moving industry, Union Carbide must be in a position to take advantage of what comes out of its research and spend large sums for new plants to produce new products, Mr. Dial said. Last year's research bill was \$43,000,000. Construction expenditures have been averaging \$100,000,000 a year for the past 10 years, and will exceed this figure in 1956.

Two new plants will begin production this month. They are a new chemicals and plastics plant at Torrance, Cal., and a titanium plant at Ashtabula, Ohio. A new silicones plant at Long Reach, W. Va., which covers a whole group of new products, just recently went into operation. Expansion of the Corporation's Metals Research Laboratories at Niagara Falls, N.Y., has been completed; a new Solid State Physics Laboratory at Parma, Ohio, will shortly go into operation; and new research and development laboratories for plastics are under construction in New Jersey.

31 New Chemicals Shipped

Last year, 31 new chemicals were shipped for the first time in commercial quantities, the largest number Union Carbide has ever commercialized in one year. Of

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75-CENT DIVIDEND SET BY UNION CARBIDE

The Board of Directors of Union Carbide and Carbon Corporation has declared a cash dividend of 75 cents per share on the outstanding capital stock of the Corporation, payable June 1, to stockholders of record on April 27. The last quarterly dividend was 75 cents per share, paid March 2.



ELIZABETH, BETTER KNOWN AS "LIZ", CAMPBELL, of the Y-12 Guard Department, is displaying some of the articles turned in as found by Y-12ers on plant premises. They have been held for the 90 days provided for in plant regulations and if not called for by owners soon will be given to the finders.

Several Articles Remain Unclaimed As Time For Custody By Guard Dept. Nears End

Owners Urged To Apply For Wide Variety Of Items Now Held For Nearly 90 Days

Several weeks ago a plant regulation was placed in effect providing that all articles found by Y-12ers on the plant premises and turned into the Guard Department for custody of 90 days, shall be returned to the finders at the end of that time. Last week the 90-day period was nearly expired for a number of fairly valuable articles still unclaimed at Guard Department headquarters, Bldg. 9706-1, plant telephone 7272.

The unclaimed articles range from a 1956 passenger automobile license tag to a small necktie clasp, two pairs of women's gloves, a cigarette lighter, tobacco pouch, a large woman's purse, a small change purse, a man's class ring and a wedding band.

License Tag Knocked Off

The license tag number is 29-12156, issued in Anderson County. It showed evidence of having been knocked off the car. It was issued to a D. W. Haws.

The large woman's purse has several names in it, but none supply a clue to the owner. It contained a wallet with no money, but has several pictures of children and a political candidate's solicitation card from Harriman or Roane County. The small coin purse contained less than \$1 in change and one safety pin.

The man's class ring has the name C. A. Schaeffer inscribed on the inside and apparently is from the Georgia Military Academy, class of 1900, although some of the lettering is worn. The wedding band is fairly heavy of 14 carat gold.

Gloves Lost By Women

The two pair of gloves are both for women, one being made of orlon and the other wool. The cigarette lighter is a Ronson make and has the initials W.P.W. inscribed. The tobacco pouch was full when found and is of dark leather. The tie clasp is fashioned after golf clubs.

Losers of these articles are urged to apply for them to the Guard Department within the next few days, a they can be held only a short time longer before being turned over to the finders.

SOUTH, WEST GROWING

Cities are growing fastest in Florida, the Southwest and in the Far West, a recent survey shows.

University Honors Y-12 Co-op Student; Parents Work Here

It was announced recently by the University of Cincinnati that Robert E. Kennedy, a Y-12 co-op student and employee, has made the dean's list for the first semester at that university in the College of Applied Arts.



He is a sophomore, majoring in architecture, and his co-op work in Y-12 is with the Civil and Architectural Department of the Technical Division.

Robert Kennedy is the son of Mr. and Mrs. Ernest Kennedy, both Y-12 employees. The father is in F Mechanical Operations and the mother in the Insurance Department.

AUTO BUSINESS HELPS MANY

Directly or indirectly, one out of seven persons employed in the United States today owe their livelihood to the automotive industry.

ENTREES ARE ANNOUNCED FOR SPECIAL LUNCHEES

A pair of appetizing entrees have been announced for the Y-12 Special Lunches at the plant cafeteria. For tomorrow, Thursday, April 26, roast beef hash will be the main dish while next Tuesday, May 1, chicken croquettes with parsley sauce will be the entree. The 50-cent lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

Son And Daughter Of Y-12ers Win Top Awards In Ridge Science Fair

Bill Countiss And Sandra Whitten Take Top Honors; Youngsters Do Well In Knoxville

Two of the top three awards in the fourth annual Oak Ridge High School Science Fair went to pupils with Y-12 parents, another finished second and one third in the event last Thursday at the high school cafeteria. The fair drew 40 interesting projects developed by pupils in the science classes of the high school. The fair was staged under direction of D. B. Asher, a science teacher in the school.

Win In Physics, General Science

The Y-12 youngsters taking first places were Bill Countiss, son of W. C. Countiss, of Project Engineering; and Sandra Whitten, daughter of J. A. Whitten, of D Mechanical Operations. Young Countiss was first in the Physical Sciences class and Miss Whitten tops in the General Science class.

First place in the Biology class, the other classification in the fair, was won by Carolyn Spence, daughter of Albion C. Spence, of K-25.

Other Awards Are Earned

Stephen Smith, son of C. S. Smith, Mechanical Department, was second in General Science; and Adrian Lawler, whose father is R. G. Lawler, of Colex Operations, won third in the Biology class to round out the Y-12 honors.

Bill Countiss is 17 years old and in the junior class at Oak Ridge High School. His project was called "Electrophoresis In Stabilized Media." His model machine showed how the project separated compounds by electric processes.

Healing Plants Displayed

Miss Whitten is just 14 years of age and in the sophomore class. Her project was a display of healing herbs and roots used for healing purposes. It was entitled "Great Grandmother's Pharmacognosy" and contained many plants obtained right in the Oak Ridge area.

Many of the Oak Ridge projects were entered and ranked high in the Regional Science Fair held at the University of Tennessee in Knoxville last Saturday. Adrian Lawler's display, "Animals Common To Our Environment," took sixth place in the senior division and a cash prize of \$15. Bill Countiss was given a certificate of excellence in the senior division and Sandra Whitten the same award in the junior division. June Conerly, daughter of F. C. Conerly of Y-12, also got an honorable mention certificate in the senior division. Carolyn Spence won a similar award.

Union Carbide Nuclear Company and the Fulton-Sylphon Co., of Knoxville, contributed prize money to the fair.

Judges in the Oak Ridge fair were Dr. E. C. Campbell, Physical Sciences; Dr. C. R. Van Artsdalen, General Sciences; and Drs. Allen Conger and T. T. O'Dell, both in the Biology class. All are from Oak Ridge National Laboratory.

MONEY SAVED BY DIALS

If the dial telephone system had not solved the problem of filling today's telephone needs in the United States, costs would have soared so high that many Americans could not afford to have telephones today. Incidentally, the telephone companies now employ more people than they did under the old manually-operated systems.

Y-12ers Are Active In Cancer Crusade

One-Day Campaign Set For Monday, April 30

"A check and a check-up" is the goal of the Anderson County Unit of the American Cancer Society in its annual crusade for funds to be staged in Oak Ridge next Monday night, April 30. A number of Y-12ers are actively connected with the crusade, including R. R. Tippy, Manufacturing Office, who is fund campaign chairman for the entire county. The Anderson County goal of the society this year is \$9,484.

The crusade for Oak Ridge this year again is being sponsored by Oak Ridge Lodge No. 1684, Benevolent and Protective Order of Elks. The campaign will be in the form of a house to house canvass by volunteer workers next Monday from 5:30 p.m. to 7:30 p.m. In past years similar drives under Elks sponsorship have raised around \$50,000.

Assisting Tippy as chairman and handling all of Anderson County outside of Oak Ridge is Loyall Vandergriff, also of Manufacturing Office Division and a Clinton resident, who is co-chairman for the county drive. In Oak Ridge Y-12ers taking an active part in the move are Carl Cooper, Sr., and Jesse Gwin.

Dr. C. J. Speas, Oak Ridge physician, is president of the Anderson County unit and administers the society program in the county. M. J. Bartkus, Oak Ridge and a K-25 man, is treasurer and Miss Helen Macress, Clinton, is secretary.

Infection Injury Breaks Y-12 Accident-Free Period

An injury sustained by a Salvage handler in Y-12 back on April 11 has turned into a lost time accident that broke the string of accident-free days at 32 and the man-hours worked with no disabling injuries at 1,097,376. The employee suffered a cut on his right leg that later became infected, forcing him to go to the Oak Ridge Hospital.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
11 Days Or
377,222 Man-Hours
(Unofficial Estimate)
Without A Lost Time Injury
Through April 22

The Bulletin

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Chemical Engineers To Hear DellaValle

Georgia Tech. Professor To Speak On Hydroclones

Prof. J. M. DallaValle, of the Georgia Institute of Technology, Atlanta, will address a meeting of the Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers next Wednesday night, May 2. A dinner at 6:30 o'clock at the S. & W. Cafeteria, Knoxville, will precede the business meeting.

A consultant for the Atomic Energy Commission and the Oak Ridge National Laboratory, Professor DallaValle is in the chemical engineering department at Georgia Tech. He is currently engaged in the study of hydro-



clones, devices in which solid-liquid or liquid-liquid phase separation can be performed in a manner similar to a gas cyclone separator.

In his talk the speaker will discuss "The Characteristics of an Impeller Type Hydroclone."

Professor DallaValle received a B.S. degree from Harvard University in 1927 and an M.S. and Ph. D. degree from the same university in 1928 and 1930. He was a consulting engineer for the Manhattan Project from 1943 to 1947. He has been with the Georgia Tech faculty since 1948.

Playhouse Dance To Be Given Saturday At Country Club

Members of the Oak Ridge Community Playhouse are to stage their annual dance at the Oak Ridge Country Club Saturday night, April 28. Music will be provided by the Dave Blessing Orchestra, composed mostly of Y-12ers. A skit will be staged and supper served.

The thespian group now is in rehearsal for its last dramatic offering of the season. Stalag 17, a World War II play, will be presented at the Jefferson Junior High School auditorium May 17, 18 and 19.

ACS To Have Dr. Pepinsky As Speaker At May 8 Meet

Dr. Raymond Pepinsky, of Pennsylvania State College, will be the speaker at the May meeting of the East Tennessee Section of the American Chemical Society. The meeting will be at 8 p.m. on Tuesday, May 8 at Dabney Hall, University of Tennessee, Knoxville, and preceded by a dinner at 6:30 o'clock at the university's Sophronia Strong cafeteria. Dr. Pepinsky's subject will be "On the Determination of the Structures and Absolute Configurations of Optically Active Molecules in Crystals."

More vision—less collisions.



MEREDITH - ROBERTS

Of interest to many Y-12 friends of the bride was the marriage on Wednesday, April 18, of Miss Bonnie Sue Roberts, of the Production Assay Department, to Donald Leon Meredith. The ceremony took place at 5 p.m. at Newport, Tenn., with the Rev. Lowell D. Milburn, pastor of the First Baptist Church of Newport, officiating.

The bride is the daughter of Roy Roberts, of the Y-12 Health Physics Department, and Mrs. Roberts. They live at 100 Oneida Lane, Oak Ridge.

Meredith is the son of Mr. and Mrs. Ralph K. Meredith, 803 West Highland Drive, Fountain City. He is connected with the Tennessee State Highway Patrol and stationed at Newport.

For her wedding the bride wore a white street-length dress with light blue shoes and three-quarter length blue gloves and a light blue Juliet cap. She carried a white Bible topped with a white orchid.

Her only attendant was her sister, Miss Betty Lou Roberts.

T. J. Cantwell, of Newport, served as best man.

The couple will live at Newport.

DABBS - SIZEMORE

Mr. and Mrs. P. C. Dabbs, Jr., married March 31 at the First Methodist Church in Oak Ridge, now are at home at 222 West Tennessee Ave., Oak Ridge. The ceremony was performed by the Rev. Frank Porter, former pastor of the Oak Ridge church.

The bride is the former Miss Mary Sue Sizemore and is the daughter of Mr. and Mrs. R. T. Sizemore, 106 Gorgas Lane, Oak Ridge. The bride's father is employed at the K-25 Plant.

The groom is the son of Capt. P. C. Dabbs, Sr., of the Y-12 Guard Department, and Mrs. Dabbs. They live at 110 Ulysses Lane, Oak Ridge. The groom was employed in Y-12 prior to attending the University of Kentucky in 1950-1951, after which he served four years in the United States Air Force. He now is attending the University of Tennessee as a pre-law student.

Tool Engineers Will Visit Plant Of Fulton-Sylphon

The Oak Ridge-Knoxville Chapter of the American Society of Tool Engineers, that has a large number of Y-12ers among its members, will make a tour of the Fulton-Sylphon plant on Cumberland Ave., Knoxville, next Tuesday, May 1. The tour will begin at 7 p.m. and all members of the chapter and their guests are invited to inspect the big Knoxville plant. The tour is one of a series being made by the tool engineers of nearby industrial plants.

The tour was arranged through the courtesy of J. R. Ruggles, of the Knoxville firm's Industrial Relations and Engineering Departments. Leonard Milton and B. Nichols will be in charge of a lecture and pictures explaining Fulton's deep drawing process and also the intricate shapes and sizes of aluminum and brass used by the firm.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

Norman A. O'Neal, Colex Operations, April 28.

James M. White, Research Services, April 29.

James A. McClain, General Utilities, May 1.



Mrs. Donald L. Meredith



Mr. and Mrs. P. C. Dabbs, Jr.



Get-well wishes are sent the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

J. B. Fincher, Jr., General Machine Shop; Eleanor Duke, Product Processing; Allen Lee Lyons, Salvage; Hugh Breazeale, Jr., and C. J. Bowers, Colex Operations; D. J. Shafer and L. C. Hale, B Mechanical Operations; H. D. Pierce and M. P. Crews, Process Maintenance; R. T. Faulkner, Charles R. Jackson and Willie B. Shy, Buildings and Grounds; Russell G. Jenness, Development Operations; John P. Snodgrass, Receiving; George W. Boggs, Lloyd B. Nolan, E Mechanical Operations; John W. Anthony, Production Inspection; Melmouth G. Hudson, Property Sales; John H. Briggs and Eugene Arnold, Janitors.

Evening Smoker Set Friday By Instrument Society Body

The annual Evening Smoker of the Oak Ridge Section of the Instrument Society of America will be held at 8 o'clock Friday night of this week, April 27, at the Oak Ridge Junior Chamber of Commerce hall at 601 Turnpike. All Y-12 members of the section are urged to attend the smoker and tickets may obtain them from K. W. West, Bldg. 9204-1, plant phone 7455. The program will include a buffet supper and several entertainment numbers.

**BE SURE IT'S SAFE,
THEN GO AHEAD!**



The Colyum Conductor, the busy guy with the dexterous digits on the Underwood, is just checking in from THAT wedding in Monaco to write this week's happenings for Y-12ers before taking off for Independence, Mo., for THOSE nuptials. So let's get going!

MECHANICAL OPERATIONS

A. Goad, F Mechanical Operations, is vacationing at home in Oliver Springs . . . Purely internal—J. Claiborne and J. McGhee worked with D Mechanical Operations for a couple of weeks but are glad to be back "home"—and O. N. Shultz has been working F Shift for the past week . . . Condolences are extended G. A. Grider, whose grandmother died a few days ago . . . M. L. Jennings has moved into his new home in Knoxville . . . N. White has turned into a politician and New Jersey is a nasty word to him.

D Mechanical Operations sends get-well wishes to ailing T. W. Williams.

C. A. Lively is leaving C Mechanical Operations Friday, April 27, to do his bit for Uncle Sam's Armed Forces at Ft. Jackson, S.C.—best wishes accompany him . . . The department sends get-well wishes to Eleanor Duke, Product Processing, and wife of K. J. Duke . . . Dewayne Lankford is home on a 14-day leave from Camp Chaffee, Ark.

J. A. Gilstrap and R. A. Wilson are happy B Mechanical Operations anglers—they caught their limit of fine, fat crappie recently at Concord . . . O. A. Holman is vacationing down in Cocoa, Fla. . . Get-well wishes for L. C. Hale, in Oak Ridge Hospital—and likewise to L. H. Russell, also ailing.

A Mechanical Operations is expecting W. Myatt to return from vacation with a batch of blisters—he planned to work on his home over near Nashville . . . F. E. Morgan is back from his California vacation—says he likes the Injuns out there . . . W. L. Kendall spent a week end in South Carolina—just jaunting around . . . Condolences are extended C. J. O'Neal, whose mother died recently in Texas.

The General Machine Shop has its usual array of anglers in action—C. C. Chamberlain and C. F. Patty, W. W. Chilcoat and W. F. Ragsdale, Gordon Brewer and others are foraying for finny specimens . . . Working around homes while vacationing are C. M. Amis in Knoxville . . . B. A. Cooper also there . . . R. L. Gouddy likewise in Oak Ridge . . . Just resting up have been C. M. McCarley in Knoxville and W. C. Crawley in Oak Ridge . . . J. Edmond Hargis week-ended recently in Chattanooga . . . J. T. Firestone and his family likewise in the homey old Piedmont Hotel in Atlanta . . . A. E. Perry is up in Connecticut . . . George Carter had as his guest last week end Capt. Pauline Jones, an Army nurse, from West Point, N.Y. She is his sister-in-law.

MANUFACTURING OFFICE

Helen Cunningham, reproduction, is vacationing at her Alcoa home.

Dot Connor, Plant Records, entertained guests recently from Chattanooga at her Lenoir City domicile . . . Jim Sykes is "getting away from it all" at his home in Kingston for a spell.

Timekeeping is glad to see Bob Worthington back on the job after being ill . . . Ira Shotts was kept busy while vacationing—he was co-chairman of that Oak Ridge horse show . . . A rapid recovery is wished for Howard Phillips.

Tom Norcrosse, Property, utilized vacation time for moving into his new home.

A. Hopson, Stores, is viewing Jackson, Miss., while vacationing.

. . . Get-well wishes to F. E. Bailey, on the sick list.

Receiving sends its hearty get-well wishes to Paul Snodgrass in Oak Ridge Hospital.

Property Sales reports Charlie Butler vacationing over at Oliver Springs . . . Get-well wishes to U. Hicks.

MAINTENANCE

If the fish over at Center Hill get advance word of this safari—they are going to take off for parts unknown—Jay Holzkecht, Process Maintenance, aided and abetted by Nelson Tibbatts, Elmer Green, and Avery Kendig, all three from Buildings and Grounds; are ganging up for a vacation trip over thataway—Kendig is reportedly taking a large supply of Hadacol flies. (For trading purposes?) . . . Process Maintenance also welcomes C. J. Williams back to the fold after being ill . . . Get-well wishes to Perry Ward, C. F. Pirkle and R. E. Redmon.

Planning and Estimating hopes John Irving will get well soon.

L. L. Wilcoxon, Salvage, has been a home vacationer at Kingston . . . C. L. Miller and B. H. Samuels have been on the sick list.

Buildings and Grounds has R. T. Faulkner and W. B. Shy ill in Oak Ridge Hospital and send get-well wishes . . . R. L. Martin is another vacationer working on a new home.

Research Services reports Bill Mason fishing in Alabama . . . Sends best wishes to Cheryl Jones, leaving to take on that full time homekeeping job . . . Condolences are extended I. V. Goins, whose wife died April 13 at St. Mary's Hospital, Knoxville . . . Rapid-recovery wishes to C. L. Jones, still among the ailing.

Electrical Maintenance flashed the welcome sign to L. G. Spence and E. P. McFarland, recently transferred from Process Maintenance . . . Sick folks at home include D. E. Dryden and J. F. Johnston . . . W. H. Hatfield is back from his spring gardening vacation.

Before going further, have y'all heard about the old maid who had a lone fling in New York? When she returned home friends asked, "Well, what kind of a time did you have?" "Eastern Standard," she replied drily.

SHIFT SUPERINTENDENTS AND UTILITIES

Assistant Shift Superintendent for D Shift George Kirtland forgot to leave his vacation forwarding address—guess he went thataway.

General Utilities sends get-well wishes to L. M. Stooksbury, D. W. Woody and W. Johnson, all on the puny list . . . E. F. Rutherford and C. E. Carter are back and E. S. Smith is gone—vacations, that is.

ALLOY

Joe Bowers, an A Shifter in Alpha Four, is missed by all during his illness at Oak Ridge Hospital—hope he'll be back soon . . . The Dayliters, a softball aggregation composed of day workers in the department, really must be something—they have Manager R. E. Seivers busy replacing broken bats and balls knocked over the palings at Pinewood Park . . . Alpha Four's own "Duke of Paducah," Jack Owens, is vacationing up in those parts this week . . . A. T. VanDyke has been working as hard as weather permits on his vegetable garden and C Shift hopes to have a corn roast in the VanDyke backyard when tassel time arrives as Van figures as how it's easier to catch an ear of corn than elusive fish . . . Hobart Bartley, Jr., is admiring that pretty picket fence he recently bought from "horse trader" Dave Mas-

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Softball Players Form Two Leagues

13 Teams Entered As Season Underway

With 13 teams divided into two leagues, the Y-12 Plant softball season was scheduled to get underway on Monday night of this week at Pinewood Park with Y-12 Plant Superintendent John P. Murray slated to pitch the first ball. Prospects are bright for a highly successful summer of activity in the popular sport as advance preparations by the Recreation Department and team managers progressed smoothly.

Innovation In Scheduling

An innovation in schedule drawing has been introduced this season and is expected to be popular with players and fans alike. To start the season there will be an American League of eight teams and a National League of five clubs. The American League will play a schedule of one round with each team meeting the other once. The National League will go through two rounds of play.

At the end of this period, the last team in the American League standings will be transferred to the National League to give that circuit a six-club loop. In the last half of the season, each league will stage two rounds of play. At the end of the second half a playoff will be staged to determine the league winners, if necessary. This playoff series will be followed by a "world series" to settle the plant championship for 1956.

Some Saturday Games Set

Scheduling presented many problems to the Recreation Department because of the many different shifts and working hours of the various teams. Some Saturday morning games have been set as a result.

Here is a list of the teams and their managers in the two leagues:

AMERICAN LEAGUE

Wildcats, W. R. Clevenger; Lions, J. L. Johnson; Cubs, Roger Carper; Bombers, W. E. Ramsey; 49ers, Ralph Ford; Rebels, J. W. Halsey; Bums, J. R. Plyman; and D Swingers, E. T. Walker and Bradley Napier, co-managers.

NATIONAL LEAGUE

Slow Pokes, C. A. Slaughter; Daffy Dills, Jim Donahue; Day-liters, R. E. Seivers; Early Birds, E. W. Smith; and Beta Two, Charles Beckett.

Following the games set for Monday and Tuesday nights of this week, the schedule through next Tuesday, May 1, follows:

Wednesday, April 25 — 6 p.m., Rebels vs Wildcats; 7:30 p.m., 49ers vs Lions; 9 p.m., Beta Two vs Slow Pokes.

Thursday, April 26 — 7:30 p.m., Cubs vs D Swingers; 9 p.m., Day-liters vs Daffy Dills.

Saturday, April 28 — 9:30 a.m. and 11 a.m., Early Birds vs Day-liters, doubleheader.

Monday, April 30—6 p.m., Bums vs Lions; 7:30 p.m., Cubs vs Wild-cats.

Tuesday, May 1—6 p.m., Lions vs Cubs; 7:30 p.m., Wildcats vs Bums.

Palo O'Neal Ties For Fourth In Meet

Palo O'Neal, Colex Operations and one of Y-12's top golfers, finished in a six-way tie for fourth place in the recent Tennessee Open Golf Tournament held in Chattanooga. O'Neal's score was 224, just four strokes behind victorious Mason Rudolph's 220. Bracketed with O'Neal in sixth place were such well-known state amateur golfers as five-time state champion Lou Oehmig, of Chattanooga; Carroll Armstrong, also of Chattanooga; Hillman Robins, of Memphis; and a pair of professionals, Henry Lindner, Nashville; and Roy Starnes, Elizabethton.



THESE TIGERS OF THE CLASSIC LEAGUE of Y-12 plant bowlers were real snarling feline foes for many opponents all season, being contenders most of the way. From left are G. Graham, Frank Tiller, L. Sikes, S. Cole and Charley Gillihan. They blanked the All Stars last week.

Marksmen Champs Of Pistol League In Close Contest

One of the closest races ever staged in a Y-12 Plant League in any sports activity came to a close Monday night, April 16, when the Marksmen won the season's championship by the margin of a bare half point. Competition was tight throughout the season with the league lead changing on several occasions.

The Marksmen clinched the title by defeating the Masters, last year's winners, for two points in the final round of firing. The champions took a 471 to 418 scratch decision and 576.143 to 573.753 handicap victory. The Experts held on to second place by whipping the Sharpshooters 688 to 622 scratch and 855.578 to 841.819 handicap.

J. C. Ezell, of the Experts, again topped the individual scratch scorers with 265. T. J. Bush, Marksmen, topped his team with a 237 scratch and W. B. Davis had the best handicap score of 288.274. For the Sharpshooters P. H. Williams' 230 scratch was high and M. L. Woodward fired 287.674 handicap to lead the team. E. Scott was high gun scratch for the Masters with 214 and J. O. Ledbetter led the handicap firers with 287.-203.

Final statistics for the season in the Y-12 Pistol League will be published in The Bulletin next week.

Final league standing follows:

Team	W	L
Marksmen	25	17
Experts	24 1/2	17 1/2
Sharpshooters	18	24
Masters	16 1/2	25 1/2

Ridge Riflemen Lose To Rockwood

Three members of the Y-12 rifle team fired with an Oak Ridge Sportsmen's Association team that lost a close match to a group of Rockwood riflemen April 10. The victors rolled up a margin of 1915 to 1848 with C. H. Kelley shooting 389 out of a possible 400.

R. L. Vanderpool, captain of the Y-12 team, was No. 3 man on the Ridge team with 366. Other Y-12ers firing were C. G. Brewster and W. B. Davis.

C Shift Bingo Party Set May 2 At Amvets Club

Bingo party popularity is growing in Y-12, so C Shift employees have arranged one of the affairs to be given for Y-12ers working on that shift and their friends to be held next Wednesday night, May 2. The fun will start at 8 p.m. at the Amvets Club, according to Glenn W. Ballew, Colex Operations, chairman of the C Shift Recreation Committee.

MOST FOLKS OWN CARS

About 73 per cent of American families are automobile owners and 14 per cent of them own more than one.



THIS GIANT LARGEMOUTH bass formerly inhabited Watts Bar Lake before he mistook a Lozy Ike lure for an edible morsel and was dragged out by G. W. Ballew, Colex Operations, a short time back. The big fish is entered in both the current Y-12 Fishing Rodeo and the Annual Fishing Contest and it will take a real lunger to beat it.

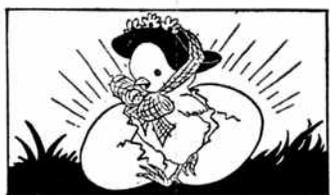
Two Teams Tied In Ridge Golf Loop

Two whitewash victories for six points each were turned in during first match play in the Y-12 Plant Golf League for Oak Ridge players last Wednesday. The victors in these contests were Ratjen-Snyder and Harris-Gillen, with victims being Mitchel-Tibbatts and Patterson-Peterson. The Holzknicht-Packman duo took four points and lost two to McLendon-Underwood and Smith-Bartholomew took a similar triumph from Hines-Emlet. The Boyd-Oliphant team, with O'Neal substituting for Boyd, divided with Orrison-Saylor at three points each.

O'Neal fired the best scratch score of 34, his two stroke handicap giving him a 32 for best score of the day. The top five for the first week were O'Neal, Orrison with 41 scratch and 34 handicap, Gillen 40 and 37, Peckman 44 and 37 and Ratjen 45 and 37.

League standing follows:

Team	W	L
Ratjen-Snyder	6	0
Harris-Gillen	6	0
Holzknicht-Packman	4	2
Smith-Bartholomew	4	2
Boyd-Oliphant	3	3
Orrison-Saylor	3	3
Hines-Emlet	2	4
McLendon-Underwood	2	4
Mitchel-Tibbatts	0	6
Patterson-Peterson	0	6



Spring is popping out all over--

First Y-12 Golf Tournament Of Season Slated For Oak Ridge Course Saturday

Large Entry List Seen For First Of Series Of Events Slated For Summer; Many Prizes Set

The first Y-12 Plant Golf Tournament of the spring and summer season will be staged on Saturday of this week, April 28, at the Oak Ridge Golf and Country Club. The event is expected to draw a large entry list, not only by Oak Ridge golfers but by players living in Knoxville, Rockwood, Harriman, Kingston and other nearby points. The tournament is the first of a series to be held throughout the season with the events being held on different courses in the area.

No advance entry is required for the tournament on Saturday. All that is needed is for a player to report at the course, pay his \$3 entry fee and begin firing.

Entrants will be divided into three divisions, based on handicaps prevailing for the individual golfers at the end of last season. Division No. 1 will be composed of golfers with handicaps up to 12 strokes. In Division No. 2 will be players with handicaps of from 13 through 22 strokes while Division No. 3 will have players with handicaps ranging from 23 through 36 or more strokes.

The handicaps and division ratings will be issued each player on payment of the greens fee at the club house just prior to starting of play.

Starting time for the tournament is 7 a.m. and all players are urged to be off by 8:45 a.m. Advance arrangements of foursomes will help to expedite the event.

A hole in one contest will be one feature of the tournament Saturday with prizes being awarded the first three golfers shooting closest to a designated hole.

Prizes also will be awarded players in Division No. 1 and Division No. 3 for the first and second low net and low gross scores for 18 holes and for the low gross score on the first nine holes. Division No. 2 golfers will have prizes awarded for the first three places in net and gross scoring as well as for the low gross score on the first nine holes.

The prizes will consist of various amounts of golf balls, presented by the Recreation Department.

Oleo Team Ascends To Mixed Loop Lead

The stay of the Mix Ups team at the top of the standings in the Mixed League was a brief one, for in their first defense of their lofty perch last week the team was rocked by the Rocks for four points and dumped to the third rung on the ladder. Whitewash wins of four points also were posted by the Oleos over the Strike Outs, the winners taking over the loop lead; and by the up and coming Nip and Tucks over the Pin Ups, the winners in this one also advancing.

The Nip and Tucks took every scoring honor of the night, both as a team and individually. Goodman went all the way with 207, 247, 523 and 643. The team posted 586, 764, 1681 and 2247.

League standing follows:

Team	W	L
Oleos	32	20
Rocks	30 1/2	21 1/2
Mix Ups	28 1/2	23 1/2
Nip and Tucks	26	26
Pin Ups	22	30
Strike Outs	17	35

Y-12 Man's Horse Second In Show

Midnight Diamond, owned by M. D. Varnadore of the Y-12 Buildings and Grounds Department, took second place in the two-year-old walking horse class at the Oak Ridge horse show held April 14. Midnight Diamond was capably ridden by Buddy Varnadore, son of the owner.

Ann Murray, daughter of Y-12 Plant Superintendent John P. Murray, took third place among

Wasps Blanked, Classic Round Title At Stake Thursday

The Wasps missed a chance to clinch the third round of play title in the Classic League last week when they were soundly white-washed for four points by the pesky Cubs. Meanwhile, the Bumpers and Rippers kept their hopes alive by trouncing the Swingsters and Screwballs, respectively, for three points to place the championship for the final round of play strictly on the line in matches tomorrow night, Thursday, April 26, the last of the round.

The Tigers blanked the All Stars, the Rebels took a similar win from the Playboys and the Has Beens walloped the Wolves for three in other tilts last week.

The Rippers and Wasps will meet head-on tomorrow, while the Bumpers draw the Screwballs as opponents. Winners in the third round meet the titlists of the first two rounds later for the seasonal crown. The first round was taken by the Has Beens, with the Rippers victorious in the middle chapter.

Paddy Peckman, Cubs, had a good night on the alleys last week with a 213 game, 605 scratch series and 686 handicap series. George Riddle, Rebels, had a 243 handicap game for tops. The Cubs grabbed most of the team scoring tops with a 1012 handicap game, 2578 scratch series and 3004 handicap series. The Bumpers were tops with a 884 scratch game.

League standings follow:

Team	W	L
Wasps	30	10
Bumpers	27	13
Rippers	26 1/2	13 1/2
Tigers	24 1/2	15 1/2
Rebels	22 1/2	17 1/2
Cubs	22	18
Has Beens	19	21
Playboys	15 1/2	24 1/2
Wolves	15 1/2	24 1/2
Swingsters	15	15
Screwballs	13	27
All Stars	9 1/2	30 1/2

Left Overs, Bumpers To Meet For Title

The Left Overs bowling aggregation from Y-12 in the All Carbide League won the second half of the season championship going away last week with a four-point whitewash win over the King Pins, K-25 entry in the circuit, the second place combine. Also posting whitewash victories were the Bumpers of Y-12 over the Hawk-eyes, also of Y-12; Wheels of Oak Ridge National Laboratory over the No Names from K-25; and the Y-12 Cannon Balls over the Maple Moppers, likewise from Y-12.

The Left Overs are slated to meet the Bumpers, first half winners, in a roll-off for the seasonal crown at 7 o'clock tonight, Wednesday, April 25, at the Central alleys.

Final second half standing follows:

Team	W	L
Left Overs, Y-12	49	7
King Pins, K-25	41	15
Bumpers, Y-12	38	18
Wheels, ORNL	35	21
Maple Moppers, Y-12	30	22
Cannon Balls, Y-12	17	39
No Names, K-25	18	48
Hawkeyes, Y-12	6	50

12-year-old girl riders in the show. She rode a horse named Molly and acquitted herself well.

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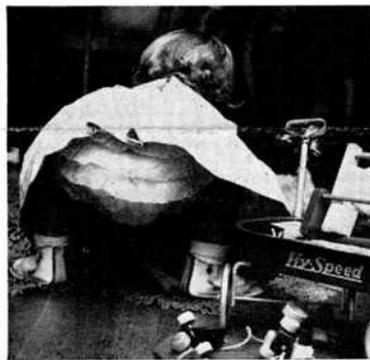
HERE IS ANOTHER GROUP OF Y-12ERS with an excellent safety record. They are in Process Maintenance and from left are W. D. Bolin, Jr., C. W. Blosser, D. L. Parrish, R. K. Holbert, J. E. Cartledge, W. H. Moses,

T. A. McFarland, T. R. Baumgarner, S. H. Franks, G. L. Gossage, J. R. Carroll, Foreman K. F. Martin and General Foreman A. M. Schrader. The group has worked about 18 months with no mishaps.

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED, RETURN TO SENDER IMMEDIATELY.



FIRST PRIZE in the Y-12 Photographic Contest for the week ending April 11 is this snapshot by Earl Hargett, Mechanical Inspection, of his daughter "Kiki" who has just seen the popsize man pass by without stopping.



SECOND PRIZE in the Y-12 Photographic Contest for the week ending April 11, was taken by Dave Alford, Beta Two, called "Fancy Pants" and showing a very young lady in a most unconventional pose.

Y-12ers Active In Sportsmen's Groups Of Area

Y-12ers and other Union Carbide Nuclear Company employees in the Y-12 Plant Area play a prominent part in activities of sportsmen's groups and conservation work in the Oak Ridge and Anderson County sections. They hold jobs ranging from president to publicity committeemen.

Y-12 Man Past President

Taking the organizations in alphabetical order, the Anderson County Sportsmen's Club has Louis M. Doney, of the Oak Ridge Ceramics Laboratory in Bldg. 9766, as president. Allen B. Townsend, of Y-12 Development Operations, is past president of that club and serves on the board of directors. Forrest Duncan, another ORNL man; and Carl Frazier, Sr., Colex Operations; served as building chairman and boat dock builder at the club's Pellissippi grounds on Norris Lake last year. Several other UCNC employees either are serving or have served the club in important posts in past years.

John A. Briggs, Process Maintenance in Y-12, is secretary-treasurer of the Atomic Beagle Club. This group encourages field trials and discourages the killing of rabbits. Tom Hart, of Colex Operations, is a member of the field trial committee.

Dominate Conservation Club

Y-12ers and other UCNC personnel in the plant, just about dominate the Oak Ridge Conservation Club, with five of its eight executives working in the plant. L. K. Flynn, Buildings and Grounds, is president; E. E. Johnson is vice president; Millard Redden treasurer and Emil Kovacevich is secretary. Russell Hopper, General Machine Shop, is a member of the board of directors.

Carl Brewster, of the Y-12 Medical Department, is the new vice president of the Oak Ridge Sportsmen's Association. George Royster, ORNL, is secretary.

C. W. Mason, of Research Service, is recording secretary of the Tri-County Sportsmen's Club, which has headquarters in Oliver Springs. Evan Means, also of Research Services, belongs to all of these organizations and has served as public relations chairman for the Tennessee Conservation League with which all the groups are affiliated.

Means and Redden served as delegates from Oak Ridge to the league's convention, held in Memphis March 30 and 31.

Former Y-12er Is Nominated For 'Secretary Of Year'

The Oak Ridge Chapter of the National Secretaries Association will observe National Secretaries Day today, Wednesday, April 25, featured by the selection of an Oak Ridge "Secretary of the Year." The ceremony will take place at an open house to be held in the Starlight Room of the Oak Terrace from 7 p.m. to 9 p.m.

Three candidates have been nominated for "Secretary of the Year," including Elizabeth Young, a former Y-12er now with Oak Ridge National Laboratory in the Y-12 Plant Area and secretary to C. D. Susano. Other nominees are Yvonne Lovely, ORNL; and Margaret Elmore, of K-25.

WHAT'S WATT'S H.P.?

In 1776 James Watt advertised his newly-invented steam engine in terms that miners would easily understand—horsepower. According to Watt, a horse walked 330 feet in one minute to hoist a 100-pound container of coal. Hence one horsepower equalled 33,000 foot pounds. This method of measurement still stands.

There are 116,000 units of government in the United States, more than 2,000 distinct segments of the federal government.



Continued from Page 2

ters . . . Alpha Four rolled out the welcome mat last week for newcomers **Tommy Osborne** and **L. C. Stooksbury** . . . **Andy Rutherford**, of Utilities, claims fishing is picking up at Norris—says he came in with more than 100 fish last week end . . . More vacation data—**Carl Mullins** is in Lake City this week and it sounds like hard work as he is laying a foundation for a new home . . . **Jack Minton** was so enthused over leaving the vacation destination is unknown.

Beta Two is congratulating **Virgil Shears** over the arrival of a new son born at Doctor's Hospital, LaFollette—it is the family's seventh child.

TECHNICAL

Esther Moody, Project Engineering, is on one of those three-week vacations—plans to do some plain and fancy resting up around the old homestead at Sweetwater and a few side trips.

Civil and Architectural Engineering hopes **Bill Hopkins** convalesces rapidly at home after being an Oak Ridge Hospital patient.

Roscoe Barringer, Special Testing, has been working on his home while vacationing . . . **L. M. Steckel** also believes in exercise—he's been hiking in the Smokies. . . Speedy recovery wishes go to **Red Miracle**.

Production Analysis welcomes **Billie Britton** back to Y-12 . . . Congratulations to **Betty Martin** and **Rod Creigh**, both of the Analytical Laboratory, who recently became engaged . . . Likewise best of luck to Newlywed **C. J. Hickey**.

M. C. Morrison, Production Assay, is vacationing in Chicago.

Harvey Kite, Development, is taking it easy in Oak Ridge.

Mechanical Engineering reports **E. J. Asbury** and the missus enjoying the sun and fishing around Ft. Myers, Fla. . . **Jim Warner** is staying at home in Knoxville on vacation and **Lillian Higgins** is another home lover.

INDUSTRIAL RELATIONS

F. A. Ruckart has been telling the Guard Department all about the Florida fishing around Orlando that he enjoyed while vacationing . . . More get-well wishes to **George W. Boggs**, ailing in Oak Ridge Hospital.

Charlie Smith, Mechanical Operations' gift to the phrasemakers, comes up with this one—think it over.

"The greatest homage we can pay to truth is to use it."
Boy, page our flying carpet — we're off.

SWIM POOL BUSINESS GROWS

Lucky persons building them or having them built will boost the swimming pool business in the United States to an estimated record of \$325,000,000 this year.

Another Small Y-12 Group Reports Fine Record For Safety

Another small group of Y-12ers has reported a highly satisfactory safety record extending nearly 18 months in which time no disabling injuries nor even minor accidents were suffered. It is a group of electronics and instrument maintenance men in the Process Maintenance Department of the Maintenance Division.

Their string of accident-free days began back in November of 1954 and Foreman K. F. Martin estimated that through last week the number of hours worked by the group without an accident of any kind has reached 21,651. Although probably not a record-breaking mark, the accomplishment of this group of safety-minded Y-12ers is highly commendable and the foreman states that it has every intention of keeping the record clean indefinitely.

The maintenance group is located in Bldg. 9207, and although a Y-12 department it does work for the Biology Division of the Oak Ridge National Laboratory. The General Foreman is A. M. Schrader and employees include W. H. Moses, C. L. Gossage, D. L. Parrish, R. K. Holbert, C. E. Blosser, T. A. McFarland, T. R. Baumgarner, J. E. Cartledge, S. H. Franks, W. D. Bolin, Jr., and J. R. Carroll.

Commission To Renew Irradiation Of Gems

To protect purchasers of diamonds or other gems that may have been artificially colored or tinted by irradiating or use of nuclear bombardment, the Atomic Energy Commission has announced that requests for irradiation of all gems in AEC facilities will be treated in the same manner as requests for irradiation of other materials. In 1953 the AEC suspended all gem irradiations.

Radiations from a particle accelerator may produce blue or blue-green colors in diamonds. Irradiation in a nuclear reactor may produce a green color that may turn to brown under certain conditions of heating. Radium and Cobalt-60 have been used for this purpose.

Diamonds irradiated in a nuclear reactor become temporarily radioactive, but the radioactivity decays to an insignificant level within a few days.

The AEC gem irradiation policy was announced a few days after the Federal Trade Commission issued rules for the diamond industry pronouncing it an unfair trade practice to artificially color gems through irradiation without disclosing the fact to purchasers.

UCC Reports Best First Quarter Sales

Continued from Page 1
these, 25 had not been industrially available before.

Of particular interest to the public were two chemicals, now shipped in tank-car quantities, which are used in the new "tranquillizer" drugs that are proving useful in relieving mental distress. Another chemical, gamma-picoline, goes into the modern medicants for tuberculosis.

Among the many new types of ferro-alloys recently developed for the steel industry are manganese-bearing alloys for the production of stainless steel. These have made it possible to substitute manganese for part of the nickel, which is presently in short supply. New alloys for jet aircraft also were developed which provide greater strength at searing temperatures.

For its development of a new yellow flame carbon for color photography, one of the Corporation's Divisions received an Oscar from the Academy of Motion Picture Arts and Sciences, the only award presented this year for scientific and technical achievement. It provides a light 60 per cent greater than any other single-source illumination.

In the textile field, Union Carbide's dynel fiber became extremely popular last year in the fur-like pile fabrics for women's coats. A new use for this fiber is in men's summer hats, which not only are very light but also are waterproof, mothproof and mildew-proof.

Rides Wanted, Offered

Ride wanted from Broadway and Cedar Lane, Fountain City, to North or Central Portal, straight day. W. J. Leonard, plant phone 7-8678, home phone 6-0196, Knoxville.

Riders wanted from Maryville to any portal except Central, straight day. John Thomas, plant phone 7-8382, home phone 1173-W, Maryville.

Ride wanted from Norris or Clinton to North or Central Portal, straight day. B. F. Rutherford, plant phone 7-8212, home phone 585, Norris.

Riders wanted from Lenoir City to any portal, straight day. R. C. Weaver, plant phone 7151, home phone 825-R, Lenoir City.

Ride wanted from 108 Jersey Lane, Oak Ridge, to Central or North Portal, straight day. Lucille Hatmaker, plant phone 7640, home phone 5-0277, Oak Ridge.

