

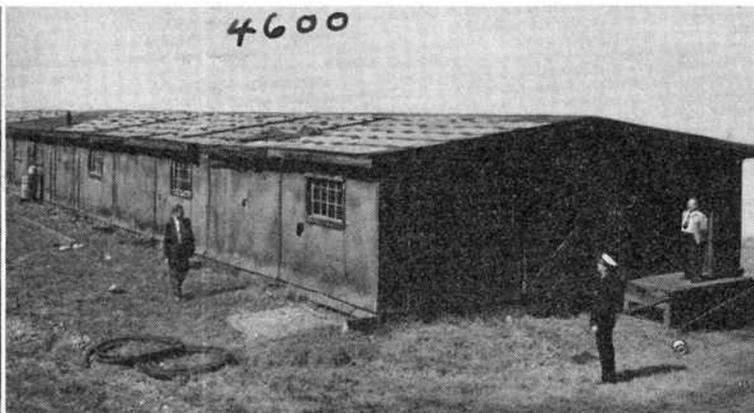
## Y-12 WILL GET THOROUGH HOUSECLEANING



6-4601

Y-12 Photos By Vince Moore

SHOWN ABOVE ARE TWO UNSIGHTLY, OBSOLETE AND useless landmarks in Y-12 that are doomed to be demolished during Clean-Up Week. George Mitchel, Superintendent of the Y-12 Maintenance Division, at center in the picture at left; accompanied



by Fire Chief W. O. Elam and Maintenance Division Administrative Assistant Nelson Tibbatts; have toured the plant area seeking out such structures to mark for removal. The destruction of these buildings will be but one minor step in the plant-wide drive to clean up the area.

## Clean-Up Week Observance Set April 14 To 20

Meetings, Inspections Will Seek Out Hazards, Unsightly Conditions

Good housekeeping will be stressed throughout the Y-12 plant as the annual Spring Clean-Up Week will be observed here all next week, the official dates being April 14 through April 20. The campaign here will coincide with similar movements in other Carbide plants and the city of Oak Ridge. The overall objective, of course, is to improve the appearance of the plant as well as to eliminate any potential fire and accident hazards.

### Housekeeping Has Suffered

"As the result of our accelerated work schedule," Y-12 Plant Superintendent W. D. Lavers points out in a plant bulletin, "housekeeping in the Y-12 plant has suffered. Therefore, supervision in each department should coordinate their efforts and avail themselves of the opportunity to get their work areas, both inside and outside of buildings, cleaned up during this period. Special arrangements should be made to remove, wherever possible, old combustible buildings, shacks, platforms and other hazards conducive to fires and accidents."

Preliminary steps to carry out Clean-Up Week objectives already are being taken in Y-12. Fire Chief W. O. Elam and Fire Capt. W. R. McGill are meeting with fire, safety and security coordinators in each division to discuss plans for the campaign.

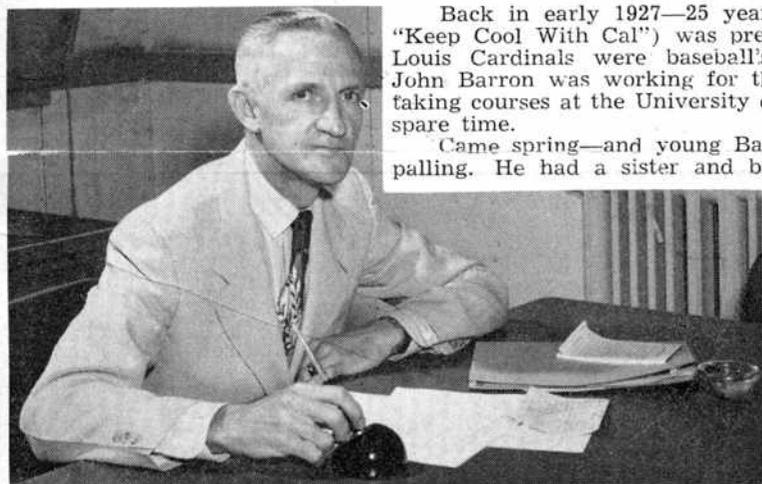
### Safety Meetings Stress Move

In turn, the coordinators are planning meetings with department heads and wherever possible the monthly departmental safety meetings and inspections are being scheduled for the first part of next week to lay plans for participation in the campaign. Inspection committees are being appointed in various departments to thoroughly check conditions in their areas and recommend steps necessary to eliminate hazards and unsightly surroundings. The findings of these inspection committees are to be placed on a form for checking after Clean-Up Week to see if the recommendations are carried out.

The important job of hauling away accumulated debris and trash as well as the removal of entire buildings that are obsolete and combustible will be handled

Continued on Page 2

## Y-12 Office Manager Ray Barron Will Celebrate 25th Anniversary As Carbide Employee, April 11



6-4597

Ray Barron

Back in early 1927—25 years ago—Calvin Coolidge (remember "Keep Cool With Cal") was president of the United States, the St. Louis Cardinals were baseball's world champions—and Raymond John Barron was working for the Peoples Gas Co. in Chicago and taking courses at the University of Illinois School of Pharmacy in his spare time.

Came spring—and young Barron found the pill rolling business palling. He had a sister and brother-in-law away down in South Charleston, W. Va., where the brother-in-law worked for a company called Carbide and Carbon Chemicals Company. So young Barron took what he thought was going to be a little vacation trip.

On April 11, 1927, Ray Barron went to work for Carbide and Carbon Chemicals Company on what he planned as just a summer vacation job—as timekeeper in the Carbide Construction Department then engaged in building the Blaine Island unit of the South Charleston Plant.

### Company To Recognize Service

He's been with Carbide ever since—and on Friday, April 11, 1952, he will celebrate his silver anniversary as a Carbide employee. South Charleston Carbide officials are planning to recognize his long service with the customary ceremonies honoring its 25-year men.

Ray (call him Raymond John and he will look around to see who is being paged) Barron's advance with Carbide has been steady. After deciding to permanently cast his lot with the Company he later became connected with the Payroll Department in the Manufacturing Office Division as a clerk in 1931. Then came successive advances to Supervisor of the Invoice Department and Supervisor of the Payroll Department, all at South Charleston.

### First Trip Here In 1944

His first contact with Oak Ridge came in January, February and March of 1944, when he was assigned to Carbide's K-25 plant here to help set up that plant's Payroll Department. This task completed, he returned to his old job at South Charleston.

His proficiency in payroll work resulted in an assignment to New York where Carbide had taken over operations of the SAM Laboratory at Columbia University in New York, where he installed the Payroll Department.

Barron's permanent assignment to Oak Ridge by Carbide came in May, 1945, when he was made an Assistant Office Manager at K-25.

Continued on Page 4

## Carbide Consultants To Address ACS Meet

Two Carbide consultants and a K-25 scientist will address the April meeting of the East Tennessee Section of the American Chemical Society to be held in Oak Ridge on Thursday night, April 17. They are Dr. Hilton Smith, professor of chemistry at the University of Tennessee; Dr. Carl T. Bahner, professor of chemistry at Carson-Newman College, Jefferson City, Tenn.; and Dr. DeForrest Smith, of the K-25 Carbide plant.

The meeting will be held at the Oak Ridge High School cafeteria, opening at 8 o'clock.

Dr. Hilton Smith will open the session with an address to the entire group, after which the meeting will be divided into two sections. The University of Tennessee professor will speak on "Kinetics of Catalytic Hydrogenation and Exchange Reactions."

Dr. Bahner, a past president of the ACS section, will address one of the split groups on "Synthesis of Compounds for Cancer Chemotherapy Study." He is an associate of the Oak Ridge Institute of Nuclear Studies Medical Division.

Dr. DeForrest Smith will speak on "Applications of Microwave Technique to Analytical Chemistry" at the other group meeting.

### EASTER STORY, PICTURES OF CHURCHES ON PAGE 3

A story of activities of Y-12ers in Oak Ridge church work and a layout of late pictures of new church homes being built by various congregations is on Page Three of this edition of The Bulletin. The "Great-A-Bomb Robbery," by Bob Considine and an interesting story on the Boyce Thompson Institute operated by Carbide at Yonkers, N. Y., is on Page Four.

## Scientist Of Y-12 To Talk At Physics Seminar Meeting

Dr. Cleland Johnson, of the High Voltage Accelerator Group of the Oak Ridge National Laboratory in Y-12, will speak at the weekly meeting of the Oak Ridge Physics Seminar on Friday, April 11. The meeting will be held at 4 p.m. in the East Lounge of the Ridge Recreation Hall. Dr. Johnson's topic will be "Interactions of Neutrons With Nitrogen." All Y-12ers interested in the subject are invited to be present.

### MEXICO PRODUCING ORE

Mexican Gen. Agustin Mustieles is quoted by the Amarillo, Texas, Globe-Times as saying Mexico is producing uranium ore under military safeguards. He refused to comment on volume of production or where it is sent.



Y-12 FIRE CAPT. W. R. McGill and H. P. House, Fire Safety and Security Coordinator for the Analytical Chemistry Division, discuss plans for Clean-Up Week. Captain McGill and Chief Elam will hold similar meetings with coordinators throughout the plant to work out details of the campaign.

## Y-12 Stable Isotope Shipments Decline

Shipments of stable isotopes produced in Y-12 laboratories dropped off during the month of March, only 13 consignments being made as compared to 34 the previous month. Of the March shipments, nine were sent to institutions and laboratories operated by the Atomic Energy Commission and four to university laboratories. The February shipments were 25 and nine, respectively.

During March the University of California received two shipments of Y-12 stable isotopes. One was 30 milligrams of Molybdenum 95 and the other a similar amount of Molybdenum 97. The Massachusetts Institute of Technology received 30 milligrams of Chromium 53 and the Carnegie Institute of Washington, D. C., was consigned 30 milligrams of Calcium 44.

## Express Bus Will Operate From Calcium To East Gate

For the convenience of Y-12ers working in Area No. 3 and to reduce congestion at the main gate to that area across from the cafeteria, a new express bus service from Calcium Drive to the East Portal will be established on an experimental basis next Monday, April 14. The bus will leave Calcium Drive and First St., at the north end of the Y-12 Dispensary building, at 4:34 p.m. and run straight through to the East Portal. If the new service is sufficiently patronized and proves popular, it will be made permanent.

### SAFETY SCOREBOARD

Your Plant Has Operated

34 Days

Without A Lost Time Accident

Through April 6

# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
CARBIDE AND CARBON  
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## Y-12 Plant Will Get Thorough Cleaning

Continued from Page 1

by special crews from the Maintenance Division. **Certain Locations Stressed**  
Chief Elam has pointed out that although every work area should be thoroughly cleaned, there are certain places that should be given special attention during the Clean-Up Week campaign.

They include offices, locker rooms and lockers, boiler rooms, work shops and tool rooms, vaults, laboratories, access paths to fire-fighting equipment, attics and basements, loading platforms and docks, shacks and outbuildings and premises around buildings.

Particular attention to the disposal of classified material and documents that have become obsolete also is urged. Supervisors are urged to check all classified documents for possible downgrading or for declassification. If, after a review, classified documents are found obsolete they should be submitted to the Security Department for instructions as how to properly destroy them or to arrange for their storage.



The following Y-12 employees were patients last week in the Oak Ridge Hospital: Samuel L. Bryant and Fred Robinson, Buildings and Grounds; Paul J. Johnson, Harold C. Giles and Lester P. Parrett, Field Maintenance; Lloyd M. Thompson, Standby Plant Maintenance; Charley Johnson, Maintenance Shops; Russell F. Moyers, Electrical Maintenance; Nelson R. Walton, Administrative Normal; Leon A. Brown, Property; Belitha Henley, Janitors; Jack W. Garland and Barton B. Thompson, Stores; Thomas E. Crabtree, ANP; and Maynard L. Lay, Utilities Maintenance.



Along about this time of year come the thoughts of vacation trips. So The Bulletin wants to remind its kind readers and contributors that the newspaper is in the market for vacation snapshots. If your pictures are in any way suitable for reproduction send em' in. In past years The Bulletin has been fortunate in obtaining some excellent photographs of great interest—so we want to keep up the trend.

Now, as the announcer would say, that is the commercial—so here is the news.

**Dr. C. R. Sullivan, Jr.**, of Medical, and his wife had her mother, Mrs. Penman J. Wood, of Kent Moore Park, Md., visiting them recently. Mrs. Sullivan's brother, Lieut. Allen Wood, also was visiting them for a few days after his return from Korea—Lieutenant Wood is a Marine flier; and after a 30-day leave at his home in Maryland, will report to Corpus Christi, Tex., as an instructor in flight training. . . **Doris Crowley** has returned from a week of vacation. . . **Penny Keene** and her husband, **Oliver**, of Property, visited relatives and friends in Tuscaloosa, Ala., over the week end. . . **Jodie Brown** spent the week end with her folks in Viola, Tenn.

**Wanda Sadler**, of the General Maintenance Offices, vacationed at her home in Harriman, last week. . . The department welcomes **Reva Dagley** to the roster. Buildings and Grounds extends sympathy to **Jim Wright** at the recent death of his father-in-law. **W. C. Johnson** has returned from a week of vacation in Birmingham, Ala. . . Other fellows who report back to work from a week's vacation are **J. E. Hudgins**, **J. H. Guess**, **J. R. Harris**, **J. SharPer**, **G. Graess**, and **J. K. Robinson**. . . **F. M. Henry** is spending a two-week vacation fishing down around the Florida keys. . . **E. Smith** and **F. Evans** are also on a two-week vacation. . . Those on vacation this week from the department are **F. Queener**, **J. B. Gray**, **O. Smith**, **W. J. Johnson**, and **R. T. Faulkner**.

**D. C. Lesley**, of Transportation, is vacationing this week. . . **F. Ray** is also on a week of vacation. . . **J. W. Smith** and **R. B. Littleton** have returned from a week's vacation. The Laundry Department wishes to extend sympathy to **Virginia Creekmore** at the death of her mother-in-law, Mrs. L. M. Creekmore. . . Sincere sympathy is extended to **Dora Johnson** at the recent death of her sister, Mrs. Elsie Queen. **W. T. Hays**, of Security, spent a few days of last week on a business trip to Rochester, N. Y.

Any of you old Tennessee Eastman variety of Y-12ers remember one **Leo Petruzzi**? He was an old

University of Tennessee football star who performed for the TEC baseball team and later held other jobs in Oak Ridge. Well, according to our contemporary, The Carbide Kentuckian, **Leo** is a valued Carbide employee at the Paducah plant and broke into that paper as a result of a story written about him in his hometown paper in Smethport, Pa.

**W. Boshears**, of the Guard Department, is vacationing for two weeks. . . **G. S. Pollitt** also is on a two-week vacation. . . **R. L. Byrd** and **S. G. Dornan** are on vacation this week. . . **Capt. P. C. Dabb's** son, **Pvt. Patrick C. Dabbs**, is completing basic training at Lackland Air Force Base in Texas, preparing him for entrance into A. F. technical training and assignment in specialized work.

**Rudy Pletz**, of Health Physics, has returned from a week's vacation spent taking things easy at home in Oak Ridge. . . **Pauline Applin** is spending a two-week vacation at her home in Georgia. . . The department extends get-well wishes to **Ed Long**.

The Property Department extends get-well wishes to **Leon Brown**, who was a patient in the Oak Ridge Hospital. . . **Stanley Easley** spent a recent week end at his home in Centerville, Tenn.

The Stores Department extends get-well wishes to **Ruth West**; and a speedy recovery goes to **Eva Williams**, who suffered slight injuries when the bus she was riding to work overturned near White Wing gate last week. . . The department welcomes **Mildred Reynolds** and **W. K. Palmer** to their roster. . . Get-well wishes are extended to **B. B. Thornton**, who is in the Oak Ridge Hospital.

Receiving and Shipping welcomes **Ed Webber** and **R. H. Stooksbury** to their roster. . . **L. N. Stewart** has been limping around all over the place since the bus accident at White Wing Gate last week in which he got a leg injury—all his co-workers hope he recovers soon.

The Superintendents Department extend congratulations to **Kyle Reed**, who was married to **Ann Ogle**, of Knoxville, March 29, in Gatlinburg.

**Loretta McBee**, of Uranium Control, is spending a week of vacation in Dayton, Ohio.

Sympathy is extended to **Les Cater**, of General Administrative, at the death of his mother, Mrs. Aymar Cater, last week.

**Belle Thompson**, of the Assay Laboratory, and her husband took her mother home to Alabama over the week end—Belle's mother has been visiting her here for some time.

Electrical Maintenance extends get-well wishes to **R. F. Moyers**, who is on the sick list. . . **C. L. Jones** has returned from a week of vacation. . . **Melvin Whited** is off on a two-week vacation.

**Carl A. Cooper**, of Wage Standards, is dividing his time between Nashville, Tenn., and Florida, while on two weeks of vacation.

**Bill Coggins**, of Property Sales, has just recently moved into his new home, off Edgemoor Road in Foust Valley.

**Leon Love**, of Isotope Research, and his wife, **Catherine**, of Materials Chemistry, spent a recent week end with his parents in Meridian, Miss. . . Get-well wishes are extended to **Bill Prater**, who is on the ailing list. . . Congratulations are extended to **Jim Keeton**, who is the proud papa of an eight pound baby boy—little Robert Lawrence was born on the first day of April, at the Oak Ridge Hospital. No foolin'.

**Tom Mackey**, of Materials Chemistry, has returned from a week's vacation in Florida. . . Get-well wishes are extended to **Mildred Swan** and to **O. B. Rudolph**.

**Helen Saylor**, of Analytical Laboratory, spent a recent two-



**GUESTS AT A MISCELLANEOUS SHOWER GIVEN MARCH 27** for Virginia Spivey Coleman, who was married Saturday, April 5, are shown above. The affair was given by Mrs. Peggy Schmitt at her home, 403 Pennsylvania Ave. Seated from left are **Janet Debnam**, **Gloria Peterson**, **Ruth Scheitlin**, **Emma Puckett**, **Beatrice Cameron**, **Elizabeth Patrick** and **Mozelle Rankin**. Standing are **Jeanne Rogers**, **Katy Seeley**, **Merle Nettle**, **Jane Puckett**, **Mrs. Schmitt**, **Reba Solmberg**, **Mrs. Coleman**, **Mrs. Fenner Spivey**, mother of the bride; and **Lovelie Thompson**.



### COLEMAN - SPIVEY

Miss Virginia Spivey, of the Y-12 Isotope Research and Production Division; and Charles F. Coleman, of the same division; were married at 3 o'clock Saturday afternoon, April 5, at the Chapel-On-The-Hill. The ceremony was performed by the Rev. Paul Arow.

The bride is the daughter of Mrs. Fenner Spivey, of Louisburg, N. C., and the late Mr. Spivey. Coleman's parents are Mr. and Mrs. A. E. Coleman, of Burley, Idaho.

The bride was given in marriage by her brother, Fenner Norman Spivey, of Baltimore, Md. At her wedding she wore white satin with chapel length train, cap sleeves and lace mitts. Her flowers were a white iris and carnation bouquet and she carried a white bride's Bible.

Mrs. Robert J. Sawyer, of Raleigh, N. C., sister of the bride, was matron of honor. She wore a gown of light blue set with stole and full ruffled skirt. She carried a Colonial type bouquet of pink rosebuds.

During the ceremony nuptial music was played on the organ by Mrs. Harry Carper.

Warren Grimes was best man and ushers were George Nettle and Keith Brown. All are fellow employees of the couple in Y-12.

Out-of-town guests at the wedding included Mrs. William Cody and daughter, Miss Mary Ann Cody, Winston-Salem, N. C.; Miss Barbara Smedley, Lexington, Ky.; Miss Louise Walker, Crossville, Tenn.; Mrs. Phillip Tipping, Toronto, Canada; Miss Florence Gaslin, Birmingham, Ala.; and Mr. and Mrs. Clarence Jones, Attala, Ala.

A reception was held at the Oak Terrace immediately following the ceremony.

Coleman attended the University of Utah, Salt Lake City; and Purdue University, Lafayette, Ind.

week vacation at her home in Knoxville.

The good old Analytical Laboratory tells us that **Alice Maxwell** and her husband, **John**, of the Guard Department, were down in Dalton, Ga., over the past week end. . . **Ida Belle Jackson** was in Washington, D. C., last week. (Wonder if she could tell of the flowers and fireworks there). . . **Betty Esco** is vacationing in Atlanta, Ga., and a place called Gunta, Miss., this week. . . **Ann Barton** and a bunch of labsters had a lot of fun at a birthday party for Ann at Shelton's Restaurant one night last week. . . **Pat Patterson** visited her sister at Kingsport over the week end. . . Sick folks receiving get-well wishes include **Collie Lockmiller**, **Juanita Moore**, **Inez Cantrell** and **Edna Tyler**.

His wife attended Louisburg Junior College and the University of North Carolina, Chapel Hill, N. C. The couple will live in Oak Ridge.

### NICKLAS - RUTLAND

The marriage of Miss Olean Rutland, of the Y-12 Assay Laboratory, to John H. Nicklas, of the Argonne National Laboratory of the Atomic Energy Commission and assigned to the Oak Ridge National Laboratory, was solemnized at 10 o'clock Saturday morning, April 5. The ceremony was performed at St. Mary's Catholic Church, Oak Ridge, by the Rev. Father Francis McRedmond, pastor of the church.

The bride was given in marriage by her uncle, Charles W. Mason. Miss Marcelle Ferguson was maid of honor and Lewis W. Dini was best man.

Nuptial music was provided by Miss Kay Mason, cousin of the bride, vocalist; and George Pritchett at the organ.

Following the ceremony a reception was held at the Ridge Recreation Hall.

Mrs. Nicklas is the daughter of Mr. and Mrs. Roy B. Rutland, of Cherokee, Ala. Parents of the groom are Mr. and Mrs. John M. Nicklas, of Harvey, Ill.



Two Y-12 employees were listed as fathers of babies born recently at the Oak Ridge Hospital. **James A. Marsh**, Maintenance Shops, became father of a boy born March 30. **James E. Keeton**, Isotope Research and Production, became father of a boy born on April 1.



### WRIGHT - SMITH

The engagement and approaching marriage of Miss Ethel Lee Wright, of the Y-12 Uranium Control and Computing Department, to Daniel W. Smith, of Chattanooga, Tenn., has been announced by parents of the bride-elect. The wedding will take place on Wednesday, April 30, at the Robertsville Baptist Church in Oak Ridge.

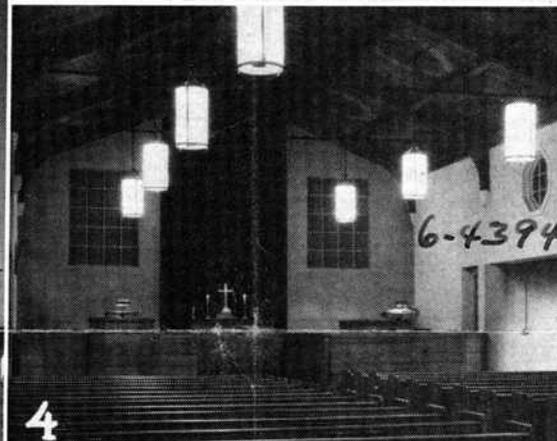
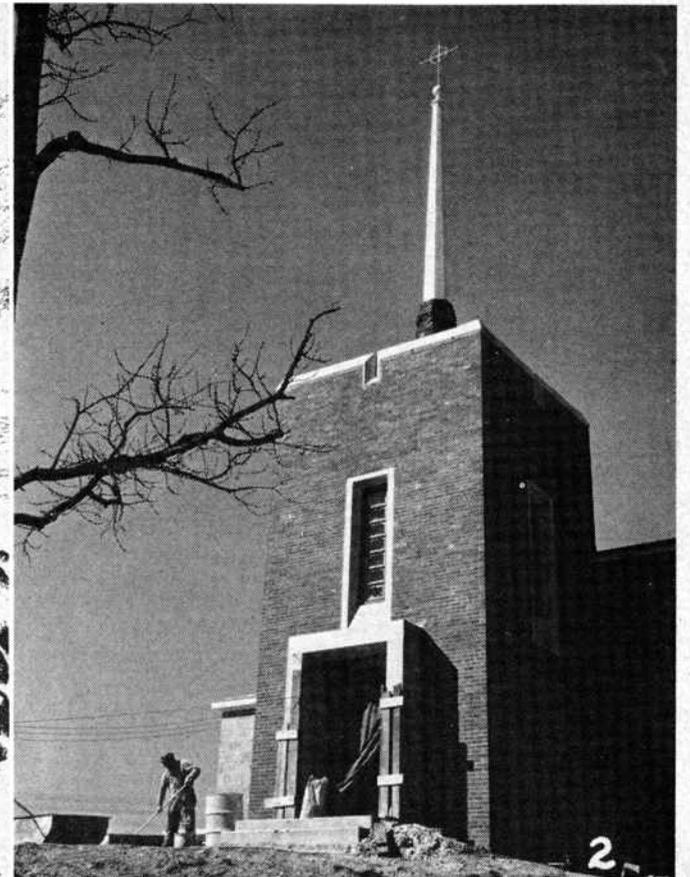
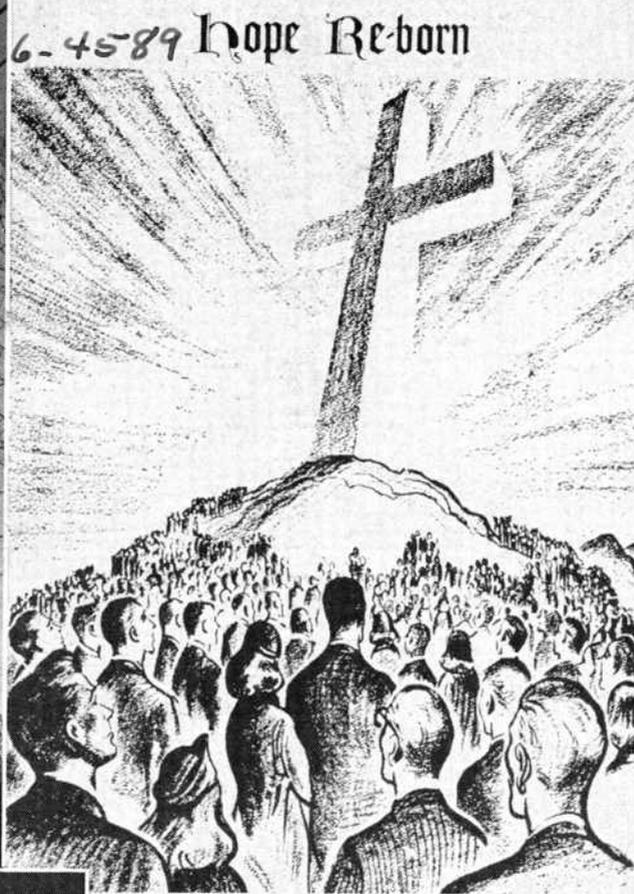
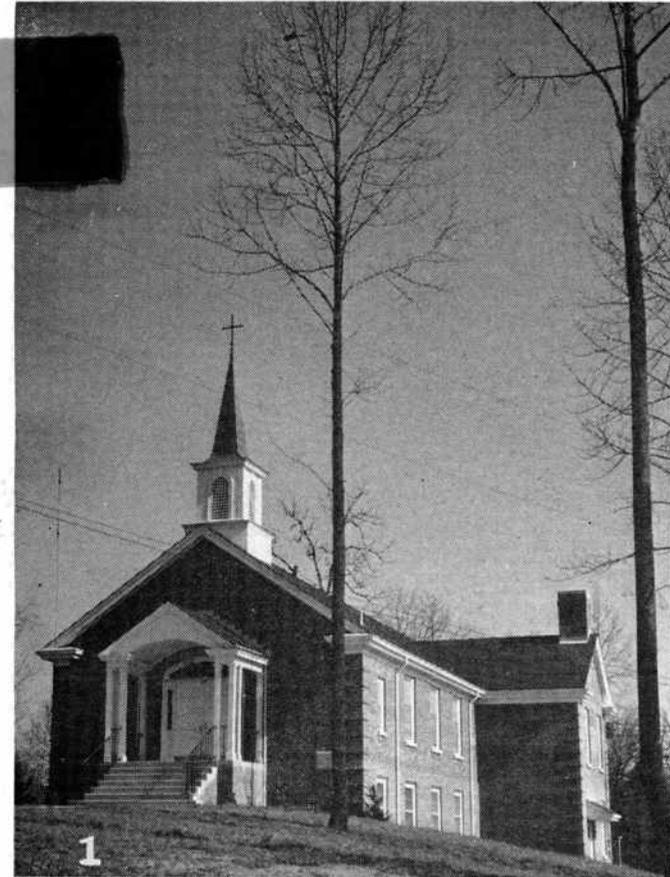
Parents of the bride-elect are Mr. and Mrs. Lee Roy Wright, of Durant, Okla. The groom, who is employed by the Tennessee Valley Authority in Chattanooga, is the son of William Roy Smith, of Chattanooga.

The bride-elect attended Carson-Newman College, Jefferson City, Tenn.

The pretentious individual is quite generally the most transparent.



**OUTSTANDING GIRL AND BOY SCOUTS OF OAK RIDGE** formed a guard of honor for Lady Olave Baden-Powell on her visit here March 31. She is an international leader of Girl Scouting and widow of the founder of the Boy Scout and Girl Scout movements. Many of the local scouts are children of Y-12ers. In the picture above are Girl Scouts, all Curved Bar Scouts, **Doris Ann Coughlan**, **Kay Murphy**, **Barbara Hale**, **Emily Duke**, **Mary Jane McWright**, **Ruth Ann Dickinson** and Boy Scouts **Joe Burks**, **Richard M. Dowell**, **Dick Culver**, **Roy DeHart**, **David Hobson**, **Volney Goddard** and **M. L. Holmes**.



6-4300

6-4270

6-4388

Y-12 Photos By Vince Moore

### Easter Sunrise And Church Services Will Draw Many Y-12ers To Hail Resurrection Of Christ

Pictured above are some of the new Oak Ridge Churches in which Y-12ers, members of their families and other Oak Ridgers will worship on Easter Sunday, April 13. Also pictured is the choir of the First Methodist Church, a typical choral group of the city in that it includes many Y-12ers. The churches were picked at random for pictures in this layout to stress the progress of Oak Ridge congregations in building church homes of their own. No. 1 is the Grace Lutheran Church. No. 2 is Trinity Methodist. No. 3 is St. Stephens Episcopal. No. 4 shows the interior of the First Presbyterian. No. 5 is the Kern Methodist Church. No. 6 shows construction work on the First Methodist Church. No. 7 is the First Methodist Church Choir, of which Robert L. Knight, a Y-12er, is director. In the picture, from left in first row, are Jeanne Warren, Marjorie Ryder, Zela Simpson, Margaret Slaughter, Georgia Moore, Barbara Noe, daughter of Carl Noe, of Y-12 Purchasing; Dr. Darleane Hoffman, of Y-12 Materials Chemistry; Evelyn Martin, daughter of Howard Martin, another Y-12er; Edna Brown, of the Y-12 Assay Laboratory; and Director Knight. In the rear are Jerry Simmons, Mary Peeler, Carl Noe, of Y-12; Don Ward, of the ANP Division of Oak Ridge National Laboratory in Y-12; Warren Keller, of the Reactor Experimental Engineering Group of ORNL in Y-12; Harold Vayhinger; John Redman, of Y-12; James Pritchard; Lilly Rose Claiborne, wife of R. C. Claiborne, of the ANP Division; Hilda Vayhinger and Organist Jerry Smith, wife of W. R. Smith of the Electromagnetic Research Laboratory of ORNL in Y-12. Several Y-12ers and members of their families who are members of the choir were not present when the picture was made. No. 8 is a picture of the First Baptist Church now under construction.

As in the many other cultural and civic activities of Oak Ridge, Y-12ers have cooperated with their fellow citizens of the community in advancing the religious life of the city. In many instances they have been leaders—in others have accepted membership and willingness to work for the advancement of the religious movements of the city.

These Y-12 churchmen and members of their families undoubtedly will be seen in large numbers on next Sunday, April 13, which is Easter Sunday, attending the sunrise services at Blankenship Field, then going their separate ways to services in churches of their choice throughout the city. Whether beneath the vault of the sunrise sky or that of a church—each will be devoutly observing the resurrection of Christ from the dead and the re-birth of hope in the hearts of men.

Emphasizing the spiritual development in Oak Ridge is the fact that there now are some 30 different church groups in Oak Ridge, representing from 12 to 15 different denominations. Of these groups 24 have purchased building sites

from the Atomic Energy Commission with the view of building their own church homes. At present, 10 of these church homes are completed or nearly completed and two more are under construction with some others having broken ground for their structures.

A full program of services has been arranged for Oak Ridge churches on the holy Easter Sunday—to be launched with the sunrise service at 6:30 a. m. at Blankenship Field. This service will be in the form of a pageant, "The Resurrection," by Rosalind Kimball. It will be presented by the young people of the churches of Oak Ridge with music provided by a youth choir selected from many different churches and denominations. In case of rain the services will be moved to the Jefferson Junior High School auditorium, adjacent to the field.

As an example of the church leadership taken by Y-12ers—duplicated in many other congregations—is the First Methodist Church. Its vested choir is directed by Robert L. Knight, of the Electromagnetic Research Division of Oak Ridge National Laboratory

in Y-12. Dr. C. P. Keim, of the Isotope Research and Production Division of ORNL in Y-12, is a music committeeman of the church and has served as chairman of the committee. Dr. Keim is currently chairman of the church building committee in charge of the construction of the new church home, now being built. Organist of the church is Mrs. W. R. Smith, whose husband also is in the Y-12 Electromagnetic Research Laboratory. A total of 15 Y-12ers or members of their families are members of the choir and many more are church members.

### New 'Super-Priority' Rate Helps AEC, Armed Forces

Recent press dispatches have reported that the National Production Authority has set up a new "super-priority" system to make sure that the Atomic Energy Commission and the armed forces get first call on scarce goods. The new rating, to be known as "DX," overrides all others in procurement of metals other than steel, copper and aluminum.

## Carbide 'Ag-Chem' Researchers Developing Weapons Against Enemies Of Agriculture

'Farmers In Reverse' Carefully Raise Insects, Plants; Exterminate Them To Study Effects Of Techniques

In Yonkers, N. Y., 17 agricultural specialists are busy breaking all the rules of farming. They plow their fields, plant crops, and wait until the plants are a few weeks old—then plow them under to make room for more. They deliberately breed insects, tend them carefully, even controlling the temperature of the room in which they live—then see how many they can kill by shooting them with bug sprays. They take hundreds of perfectly healthy tomato plants, and deliberately infect them with plant disease.

### Farmers In Reverse

These farmers-in-reverse are the members of Carbide and Carbon Chemicals Company's agricultural-chemical research team at Boyce Thompson Institute for Plant Research. At this endowed scientific institution Carbide maintains a fellowship consisting of these 17 "ag-chem" research men.

Work at Boyce Thompson is devoted to finding out why plants grow, why they don't grow in some cases, and what can be done to make them grow better.

One of the aims is to control fungi that attack living plants. In addition the ag-chem men are developing ways to control two other agricultural enemies, insects and weeds. So far they have developed a number of effective fungicides, insecticides, and herbicides—some of which are already being sold to farmers, but the ag-chem men aren't resting on their laurels. The work goes on.

### 30 Minutes From New York

The facilities used by these agricultural pioneers are only a half hour's drive from New York City, but in a quiet almost rural setting. Approaching Boyce Thompson itself all that can be seen is a solid wall of growing plants. Beyond this barrier of greenery lies the main building of the Institute, a long, low-lying structure of red brick with rows of glass-enclosed greenhouses branching off the wings. Inside are the operating facilities, including laboratories, offices, testing areas, and an extensive collection of special installations and equipment.

The building also houses an auditorium used for demonstrations and discussions, and photographic section, where the subjects of the camera are invariably plants or insects. The most advanced photographic techniques are used that can record the entire life cycle of a plant and then project it in a matter of minutes.

### No Crops Reach Maturity

About a quarter of a mile away is what researchers at Boyce Thompson call "our farm." This 20-acre field is cultivated with modern equipment and is planted with the usual crops, but even a casual observer couldn't confuse it with an ordinary farm. The midget fields are tended by too many men, who carry notebooks and pencils instead of hoes and scythes. Besides, none of the crops ever reach market. Many of them, in fact, never reach maturity, since they are plowed under to make room for more experiments.

These are the facilities used by the 17 members of Carbide and Carbon Chemicals Company's Fellowship, which was started about 11 years ago. At that time Dr. G. O. Curme, Jr., now Vice-President in Charge of Research, Union Carbide and Carbon Corporation, foresaw the vast potential usefulness of agricultural chemicals, and advocated establishing a research program to investigate and develop them.

### Many Chemicals Used

Today, Carbide's ag-chem men at Boyce Thompson receive hundreds of chemicals per year from other groups in the Corporation, most of them from the Carbide

laboratories at South Charleston, W. Va.

Fungicides are probably the least familiar of the agricultural chemicals. Home gardeners do not often recognize fungus attack as a serious threat, but farmers know that fungus blight can turn a healthy growing field into rows of withered stalks in a few days. One authority estimates that over a 20-year period in the United States fungus damage cost apple growers alone over \$10,000,000 per year.

Carbide men at Boyce Thompson grow a variety of fungi to use as guinea pigs, on which to test fungicides. All of them looking like fluffy, raw cotton. The fungi are grown in dozen of test tubes and jars, all tightly covered, to prevent different varieties of spores from traveling from one culture to another. This precaution is necessary because the fungus spores are so small and light that they are easily carried by the slightest movement of air.

### Chemicals Tested Wholesale

In their search for weapons against fungi, Carbide men test chemicals wholesale. Chemicals that show a high rate of kill on tests are then given a trial on living plants.

Fungicides that pass preliminary tests get further tests in the greenhouse, in the field, and at Mellon Institute, where extensive toxicological tests are conducted by Carbide's Industrial Hygiene Fellowship to make sure that the chemical is safe to use. If these results are satisfactory, the fungicide is tested at agricultural experiment stations all over the country, under virtually all types of growing conditions. When all of these hurdles have been passed and final adjustments made in concentration and rate of application, the product can finally be sold—but only on an experimental basis to farmers who use it, and report on results.

The final step is full commercial production and sale.

### Getting The Bugs Out

Another Carbide group at Boyce Thompson working to get the "bugs" out of agriculture—literally and figuratively—is the group testing and developing insecticides.

One of the devices they use is a Peet-Grady Chamber, a hollow cube lined with stainless steel. Built into its walls are observation windows. Researchers put a number of flies, usually about 500, into the chamber. Next a given amount of insecticide is sprayed through port holes in each side of the chamber.

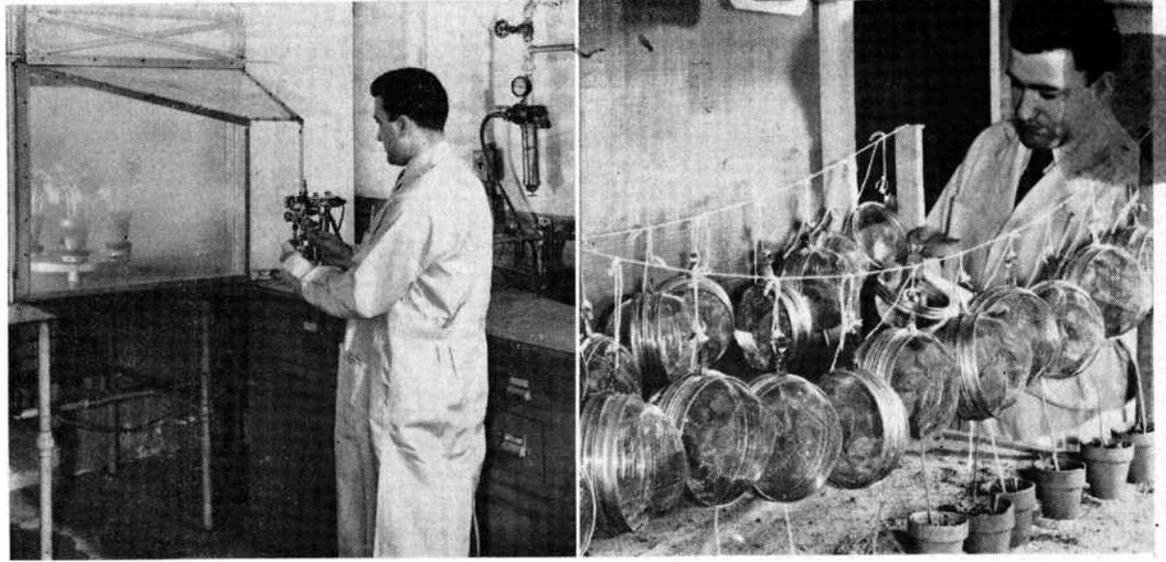
Researchers note a quick burst of rapid buzzing. Then the insects begin to falter, flying erratic courses. After a few minutes they begin to fall to the floor, and finally lie still. Researchers note the time required for action, the number of flies killed, the number knocked out of the air, and other factors.

### Good Fly Killers Valuable

Good fly killers contribute more to agriculture than the layman might think. Not only are flies pests and carriers of disease, but one authority estimates that the energy used by a single steer to brush off flies is enough to reduce beef production by about 300 pounds per year.

Some less familiar insect pests are also having their life expectancy shortened at Boyce Thompson, including many of the leaf-eating kind that destroy plants in home gardens.

One of the foliage insecticides now getting its first tests is allethrin, a synthetic pyrethrin, which was developed to commercial production at Carbide's South Charleston research center, and is now being produced in multi-ton lots at the South Charleston, W. Va.,



AT LEFT ABOVE ONE OF THE MANY TEST PROCEDURES CARRIED OUT AT CARBIDE'S Boyce Thompson Institute is spraying of bean plants with the new synthetic "pyrethrin," allethrin, to determine its effectiveness against Mexican bean beetles. At right the beetles are being placed on the bean plants, which have been sprayed with allethrin.

### The Great A-Bomb Robbery

## Reds Steal Bomb Secrets From U. S. At Bargain Rates

In this third article of his series, Bob Considine reports on the Canadian links in the tremendous conspiracy.

By **BOB CONSIDINE**  
International News Service  
Staff Correspondent  
(World Copyright 1951 by INS)

Canada was a full-fledged partner in the three-nation effort to produce an atomic bomb of such terrifying power that its use would finish the Axis and bring about an abrupt halt to World War II.

Thus it merited the attention of the Soviet Union's A-Bomb stealing apparatus, just as much as in England and America. The important aspect of the penetration of Canada's curtain of security was that it was there the whole intrigue began to unravel.

The Soviet spying apparatus in Canada was under the direction of the military attache of the Russian Embassy in Ottawa, Colonel Zabotin, who in turn took his instructions from Moscow in a code that was not even known by other elements within the embassy, including the ambassador.

Zabotin escaped to Russia in advance of 17 assistants in December, 1945, from a New York port. If there had never been a defection in his own staff, Zabotin's sinister accomplishments might never have been known—nor the path to the master criminal, Dr. Klaus Fuchs, made clear.

It is still not known how many Canadian scientists Zabotin and his

operatives were able to reach or taint. But it is known that one of his men, Lieutenant Angelov, obtained from Dr. Allan Nunn May small amounts of Uranium 233 and 235 and a written report on what May—a highly regarded and well-trusted scientist—knew about the bomb project. Price of the sell-out: \$700 and two bottles of whiskey. As in America, the Reds stole their multi-billion dollar secrets at bargain rates.

Either May gave the nod to the Russians or they presumed he would continue to supply information to them after his return to London, at the conclusion of his work in Canada.

**Cipher Clerk Breaks Chain**  
But unknown to Zabotin, the director, May and the others in the conspiracy, a link in the chain had broken. He was Ignor Gouzenko, a cipher clerk in Zabotin's office who went under the code name of "Klark."

The young former Red Army lieutenant, comparing his former and then current life with the freedom he found in Canada, decided sometime during the summer of 1945 to break with the Soviets. For weeks he carefully and almost microscopically turned down the edges of secret papers he planned to take with him when

plant. Pyrethrin has been used in insecticides for years because it acts rapidly. Before allethrin was synthesized, the only way to get this effect was to extract pyrethrin from the flowers of the pyrethrum plant. During World War II, airplanes plied between the United States and Africa, where the flowers are grown, carrying the dried pyrethrum flowers. These were made into insecticides for troops to use against malarial mosquitoes in the tropics. Since the advent of allethrin, however, are more commonly known as "weed killers." Home owners use them to keep weeds out of their lawns. Golf-course fairways are often treated with herbicides to keep them free of weeds. However, these are only minor uses, because herbicides have tremendous use in agricultural applications.

Herbicides might be called "educated chemicals," because they are "selective" in being able to pick out and kill only undesirable weeds, while leaving the desirable plants alive. Although some herbicides are designed to kill weeds and leave grass healthy, others are designed to kill grass and leave strawberries, for instance, healthy.

On the test farm at Boyce Thompson one of the research problems is to find the point at which herbicides are most selective. A two per cent solution of a certain herbicide applied to a row of corn might kill all the weeds, but also kill the corn. A one per cent solution might leave the corn untouched but kill only 20 per cent of the weeds. Somewhere between these points is the best concentration. Finding it is the researchers' job.

Through the agricultural chem-



Bob Considine

he fled. At 8 o'clock on the night of September 5, 1945, he made his bold move, taking with him the papers he had earmarked.

### Tried To Sell Story

He attempted to sell his story that night, and the documents, to an Ottawa newspaper but met with a chilly reception. Bewildered he returned to his apartment and spent the night with his wife and child—but left with his family for a friend's apartment in the same building early the next morning.

Two of Zabotin's men were already outside the building. Later four men broke down Gouzenko's door and ransacked the place. Gouzenko called for and got Canadian police protection. Under guard he was taken to police headquarters where he gave up his documents and told his story. The Russian embassy brought the strongest possible pressure to bear to have him placed in its custody as a thief.

### Muscovites Flee To Moscow

But Canada kept him and bit by bit, as the documents underwent decoding, the fantastic first chapter of the apprehension of Russia's A-Bomb spies began to unfold. Zabotin and 17 other members of the Russian embassy quickly left for Moscow.

In sentencing Dr. May (who pleaded guilty) to 10 years in prison at Wakefield, Yorkshire, England, Mr. Justice Oliver said:

"Allan Nunn May, I have listened with some slight surprise to some of the things which your learned counsel has said he is entitled to put before me; the picture of you as a man of honor who had only done what you believed to be right.

"I do not take that view of you at all. How any man in your position could have the crass conceit, let alone wickedness, to arrogate to himself the decision of a matter of this sort, when you yourself had given your written undertaking not to do it, and knew it was one of the country's most precious secrets, when you yourself had drawn and were drawing pay for years to keep your own bargain with your country—that you could have done this is a dreadful thing."

### One Word Launches Hunt

That was February, 1946. Scotland Yard then began a painstaking examination of Dr. May's notebooks which he had filled during his years of work in the A-Bomb project.

One scrawled name, mentioned only once and by itself was in one of the notebooks.

The word was "Fuchs."

From that scant clue spread one of the great man-hunts in history.

(Next week: The strange case of Klaus Fuchs)

Bride: "What is the best way to protect my wedding ring?"

Mother: "Dip it in dishwasher three times a day."

ical program thousands of Carbide people are contributing to the welfare of millions more. To the farmer the new substances may mean the difference between a large high-quality crop, and a small unprofitable one—or even no crop at all. To the consumer they can spell the difference between plenty of food at low prices or scarcity at high prices.

# PLANT GOLF LEAGUE BEGINS PLAY NEXT WEEK



**OFTEN DOWNED—BUT NEVER OUT—ARE THE HI BALLS** team of the women's league of plant bowlers, most of whose players are shown above. The girls have a lot of fun and came through with an important victory last week. Dorothy Weigelt, top right, has left Y-12 since the picture was made a short time ago and Kay Steed was not present at that time. Others are, in rear from left, Helen Ross and Ethel Williams and, in front, Audrey Baldwin and Maola Connor.

## Pryson Rewrites Ridge Pin Record Book With 712 Scratch Series In B Loop Play

Joe Pryson, rolling for the Wolves in the B League of plant kegglers, broke the loop and Oak Ridge record book wide open last Thursday night with a smashing 712 scratch series. Not in the memory of the oldest settler has such an assault on the pins been staged on an Oak Ridge alley as Pryson together games of 244, 249 and 212 for the new mark. Naturally, the 249 was high for the league that night and Pryson also went on to have the top handicap series of 778.

## Y-12 Fishing Rodeo Attracting Interest Of Plant Anglers

Those entry blanks and copies of rules for the first Y-12 Fishing Rodeo to be staged from 12:01 a.m., Friday, April 21, to midnight, Sunday, May 4, will be on hand at the Recreation Office, North Portal, this week. Judging from the amount of advance interest in the event shown by anglers of Y-12 and members of their families—all eligible to compete in the contest—there will be plenty of competition.

The Y-12 Fishing Rodeo is designed to permit all members of an immediate family to compete for prizes to be offered. The immediate family means a wife and children, permitting plant anglers to have more than one chance at honors. However, only the biggest fish caught by a family group will count when the judging begins.

Meanwhile interest in the regular 1952 Y-12 Fishing Contest seems to be growing as more and more entry blanks are being issued at the Recreation Office. This event is for employees only and will last until the end of the year.

## Riflemen Of Y-12 Defeat K-25 Team

The Y-12 sharpshooters in the Oak Ridge Indoor Rifle League defeated the K-25 team by 3.7 points in a match fired Friday, March 28. The Y-12ers were scheduled to fire against the Juniors on Monday night of this week.

The Y-12 team was outfired from scratch by 879 to 875, but eked out the victory in handicap score by 974.545 to 971.769. Individual scoring for the victors was J. D. Rose 183—196.719; J. R. Helton 171—195.360; O. K. Sergeant, 167—194.720; W. R. Rathkamp 188—194.160; L. H. Theisen 166—193.586.

## Golfers Of Y-12 Defeat University

The Y-12 varsity golf team trimmed the University of Tennessee divot diggers Sunday at the Oak Ridge course by 15½ to 5½. Armstrong, of U-T, had a 74 to lead all scoring. Y-12 individual scoring was Meece 75, Bowman 76, Birchfield 79, Dorr 80, Shugart 81, Tiller 82 and Martin 85.

## Softballers Open Drills This Week

**Pinewood Park Obtained; Loop Season Opens May 5**

Those impatient softballers down in the plant who have been straining at the bit for the past several days to get into action will be turned loose this week for practice sessions prior to the opening of the league season on Monday, May 5.

The Y-12 Recreation Office this year has obtained the use of Pinewood, Park, the former Oak Ridge City League grounds, for use by the plant league this season. Next to the new park at Middletown, Pinewood is considered the best arena in town and has a grandstand capable of seating several hundred fans comfortably. Lighting facilities also are excellent so the Y-12ers will be playing in style this season.

### Practice Permits Necessary

This week and next week Pinewood will be available for practice sessions on Mondays, Tuesdays and Thursdays. After next week and until the opening of the season the park will be available Mondays, Tuesdays, Wednesdays, Thursdays and Fridays for drills. Teams desiring practice reservation times may obtain permits for the field from the Y-12 Recreation Office, North Portal, telephone 7753. To avoid conflict of times, all team captains are urged to follow these instructions and no use of the field will be possible unless advance reservations are made.

Another meeting of team captains and representatives will be held at 3 p.m. Friday, April 25, at the Recreation Office. Final plans for operation of the league will be made at that time. The deadline for entering teams in the league for the coming season will be Monday, April 28, for play to begin the following week.

Meanwhile a schedule for practice sessions for candidates for the women's and men's varsity softball teams has been announced. All drills will be held at the Middletown field, with one exception. This will be a practice for the women's squad at 6 p.m., Monday, April 21, at Oakwood Park. The remainder of the schedule follows:

- Thursday, April 10—6 p.m., women. 7:30 p.m., men.**
- Tuesday, April 15—7:30 p.m., men.**
- Wednesday, April 16—7:30 p.m., women. 9 p.m., men.**
- Friday, April 18—7:30 p.m., women. 9:30 p.m., men.**
- Wednesday, April 23—7:30 p.m., men. 9 p.m., women.**
- Friday, April 25—6 p.m., women. 7:30 p.m., men.**

Recreation Supervisor Arnold Tiller has stressed the fact that no berths on either team have been definitely won by any candidate in urging that everyone in Y-12 interested in playing the game turn out for the practice drills. With the considerable number of new employees in Y-12, it is expected that two strong teams will be presented this season with some new faces in the lineups.

## EAT Sets Record In Blanking Y-12

The EAT team in the Oak Ridge Women's City Bowling League rolled an all-time high scratch series of 2400 last Thursday night as the grocery outfit swamped the Y-12 keglerettes for a three-game shutout. The victors posted scores of 758, 792, 850—2400; to 675, 663, 730—2068 for Y-12.

Betty Whitehorn rolled the best Y-12 scores with 185, 151, 136—472. Then came Ruby McGinnis 116, 140, 174—430; Katie Williams 129, 147, 147—423; Juanita Kirwan 135, 105, 143—383; and Doris Moore 110, 120, 130—360.

## Y-12 SPORTS

### Y-12 Men Win Two Carbide Alley Events

Y-12 bowlers tured in top scratch scores in the men's events in the All-Carbide tournament that was concluded over the past week end at the Oak Terrace alleys and finished well up in other events for both men and women.

Paddy Peckman and Len Hart registered a 1105 scratch score in men's doubles to take first place. Roy Roberts led the scratch singles scores with 609.

### K-25ers Tie For Title

The tournament championship in singles, represented in scratch all events scores, ended in a tie between Kessing and Kerr, of K-25, each posting 1724. Y-12's Roy Roberts was next with 1695 and Jack Spears and Hart were tied for fourth with 1668.

In handicap all events Elmer Green of Y-12, was third with 1896. Ray Duckworth was fifth with 1895 and Roberts sixth with 1866.

Y-12's Ratjen and Petersen were fourth in scratch men's doubles with 1065 and Freels was fifth in scratch singles with 580. White and Roberts were fourth and fifth in handicap singles with 675 and 6666.

### Y-12 Women Finish High

In women's doubles Y-12 finished second, third and fourth in handicap scoring. Evans and Maddux had 1180, O'Neal and Koons 1170, and a mixed team of Mary Ballard of Y-12 and Stewart of Oak Ridge National Laboratory reported 1168.

Katie Williams with 482 finished second to ORNL's Stewart in scratch singles, the Y-12er reporting 482. Mary Cusman, another Y-12er, was fourth with 475 and Doris Moore sixth with 466. In handicap singles Cusman was second with 611 and Moore fifth with 592.

Gaither, of ORNL, was the women's champion with a 1479 scratch all events score. Ruby McGinnis, Y-12, was third with 1360.

The Grocers, Y-12 men's team, rolled Sunday and posted a 2959 handicap score for eighth in the standings.

## Maulers Maintain Edge In E League With Whitewash Win

The Mezzanine Maulers maintained their lead in the E League of plant kegglers last week with a whitewash win of four points over the Dash Fours. The Rusty Five and Three Ds each won by three points over the Easy Aces and Stinkers and the Cut Ups and Gophers split the four points in their match.

Bob Orrison, of the Three Ds, took most of the individual scoring highs for the week with 215 scratch game, boosted to 257 with handicap, and a 621 handicap series. Kasten, of the Maulers, posted a 544 scratch series. The Rusty Five got a 883 scratch game and tied with the Three Ds at 1055 for the top handicap game of the night. The Rusty Five went on to roll a 2362 scratch series for tops but the Maulers' 2905 was the best handicap series.

### League standing follows:

Team	W	L
Mezzanine Maulers	33	15
Rusty Five	32	16
Three Ds	30	18
Easy Aces	24	24
Dash Fours	23	25
Cut Ups	22	26
Gophers	15	33
Stinkers	13	35

## Thursday Deadline For Entering Loop

**All 1951 Officers Are Reelected For New Term**



Ward Foster Nelson Tibbatts

Play in the Y-12 Plant Golf League definitely will begin during the week of April 14, which begins next Monday, and the deadline for entering teams is tomorrow, Thursday, April 10.

### More Expected To Enter

So far there are nine teams definitely entered for league play this season. Several others have evidenced interest in competing and are expected to be ready to go when the season opens. The definite schedule and starting date will be announced as soon as the exact number of teams entered is known.

The nine teams definitely entered as of last Thursday were the Old Men, Eagles, Rippers, Hooks, Shankers, Four 100s, Rough Riders, Fat Boys and Turf Riders. Several of these teams were in the league last year and will return with their regular lineups.

### All Officers Reelected

At an organizational meeting held last Thursday at the cafeteria, captains of teams entered reelected the entire slate of officers that served so capably in 1951. Ward Foster, Electromagnetic Research; is president; and Nelson Tibbatts, Maintenance, is vice president. Recreation Supervisor Arnold Tiller again will serve as secretary - treasurer. George Nettle will be matchmaker and he also is chairman of the board of protest that has Don Matlock and K. B. Brown as members.

## Vectors Take First; Isotopes Win Again In D Bowling Loop

That topsy-turvy race in the D League of plant bowlers straightened out enough last week to provide the standings with no ties, but the race still was closely bunched between the first four teams. The Vectors forged to the front by blanking the Woodchucks and the Toppers and the Grocers took over second and third places respectively by winning from the Hoboes and Activators by the same margin. The Old Men were dumped to fourth place by the "hot" Isotopes, which won their third straight triumph by a margin of three points.

J. Ross, of the Activators, rolled a 203 for best scratch game of the night and Smith, of the Vectors, posted a 532 scratch for tops. Tyree, of the Toppers, topped the handicap scorers with a 234 game and 658 series. The Isotopes turned in the best single game scores, a 847 scratch and 1034 handicap effort. The Grocers' 2439 scratch and 2960 handicap series scores also were tops.

### League standing follows:

Team	W	L
Vectors	32	20
Toppers	31	21
Grocers	30	22
Old Men	29	23
Activators	26	26
Hoboes	24	28
Woodchucks	21	31
Isotopes	15	37

**More Sports News On Page Four**

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## Y-12 Office Manager To Have Anniversary

**Continued from Page 1**  
 After almost three years in that capacity, he was transferred to Y-12 as Office Manager of the Manufacturing Office Division. The transfer to Y-12 in February, 1948, followed by just a few months the taking over of operations here by Carbide in May, 1947.

### Regard Is Mutual

From the outset the regard of Y-12ers for Barron and his for Y-12 was mutual—they liked each other. The liking of employees for the tall, slender, gray-haired Barron is based on the premise—"he's a good guy, a square shooter." For himself, Barron says Y-12ers "truly resemble real Carbide employees everywhere—mighty fine folks with whom to work."

Leaning back in a chair in his corner office in Bldg. 9704-2, Barron looked back over the 25 years of Carbide service. After a short period of thought he said he believed his greatest impressions and satisfaction in his Company connections was watching the growth of the Company.

### Proud Of Carbide Progress

"Why, back in 1927 we had just one plant and about 1,400 employees. Now—and this is outside of the Oak Ridge operations—we have five plants and many times that number of employees. Everybody that has ever worked for Carbide can be proud of the Company's growth and accomplishments in the chemicals field that has so greatly benefitted the living conditions of millions of persons."

Although Ray Barron's connections with the Company have been lengthy—over a period of a quarter of a century—he is quite a youthful person, although fooling a woman employee in his division some time ago, who believed he "must be 65 years old—he takes three-week vacations every year." She soon was corrected and informed that the three-week vacation privilege goes to all Carbide employees with 15 years of Company service.

### Born In Streator, Ill.

In fact, Ray Barron was born in Streator, Ill., March 21, 1906. He took his grade schooling there and later graduated from Ottawa, Ill., High School. The rest of his formal education was at the aforementioned University of Illinois School of Pharmacy.

About four years after going to work for Carbide in South Charleston, Barron married Miss Opal Estep, a registered nurse of that city. They have two sons, Bob, 19, and John, 7. The former is well-known in Y-12, having worked here last summer in the Security Department. He now is with the Army Security Agency in Camp Gordon, Ga. Bob graduated from Oak Ridge High School and was active with the Oak Ridge Community Playhouse. John is now a first grader at St. Mary's School.

Ray Barron says he has no claims to fame as a hobbyist or



**FOLLOWING IN THE GUIDING FOOTSTEPS OF THEIR elders several young people of the Oak Ridge First Baptist Church whose parents work for Carbide units in Oak Ridge are active in church work. Above is the church's Youth Council making plans for the observance this week, April 6-13, of Youth Week. Seated from left are Bobbie Amos, daughter of R. B. Amos, Y-12; Woody Adams, son of Sells Adams, Y-12; Pedie Counts, whose parents work at K-25; Sonya Wilde, daughter of an ORINS employee; and Clyde Nunn, son of a K-25 employee. Standing are Ronnie Layne, son of a K-25 man; Ellis Bryan, church director of education; and Joe Sherrod, son of a K-25 employee.**

## Sons Of Y-12ers Among Ridge Boy Scouts Making Lincoln Trail Hike In Kentucky

A group of 27 Oak Ridge Boy Scouts, accompanied by four scout officials, participated in a 34-mile Lincoln Trail hike from Elizabethtown, Ky., to the Abraham Lincoln National Historical Park, near Hodgenville, Ky., on the March 29-30 week end. Included in the group were 10 Boy Scout sons of Y-12 fathers and two scoutmasters who work in the plant area.

### Followed Lincoln's Footsteps

The group hiked the same trail said to have been taken by Lincoln as a boy. The scouts and their adult leaders slept at a campsite at Knob Creek, where Lincoln had lived in his youth. The trail ended at the birthplace of Lincoln and there the group saw the old Boundary Oak and the Sinking Springs that provided the Lincoln family with water.

The Oak Ridge scouts took from four to seven mile hikes to prepare themselves for the Lincoln Trail. All food and equipment needed was carried in packs on their backs. The group slept on the ground under the open sky and each hiker carried a map that had to be stamped at seven different

checking stations along the way. The trail is maintained by the Boy Scouts of America Order of the Arrow Lodge of the Louisville, Ky., Area Council.

### Will Receive Trail Medals

Kentucky Lincoln Trail medals will be awarded the hiking party members at the Talahi District Court of Honor to be held in Oak Ridge April 24. Before making the hike the hikers had to memorize Lincoln's Gettysburg Address and write a report on a Lincoln book they had read.

Members of the party whose fathers are Y-12ers, with the father's initials in parentheses, included Tommy and Bobby Harris, Troop 127 (C. E.), Benny S. Houser, Troop 127 (B. L.), Howard Moon, Troop 127 (N. H.), Kenneth Woodward, Troop 127 (M. L.), Dick Culver, Troop 229 (J. S.), Dickie Parker, Troop 325 (step-father F. B. Guttery), Jimmy Chamblee, Troop 325 (J. F.), Terry Chilcoat, Troop 226 (W. W.), and Larry Lavers, Troop 227 (W. D.). The two Y-12 scoutmasters accompanying the group were C. E. Harrison and Fritz A. Hedman.

## Rides Wanted And Offered

**Ride Wanted**—From Principia Lane, Oak Ridge, straight day. Frances Loving, plant telephone 7191.

## Hurricanes, Hornets, Thin Pins Take Four From C League Foes

The Hurricanes continued to cut a wide swath through the C League race last week by breezing over the Orphans for a four point shutout but the Hornets buzzed right along in the slipstream for a similar victory over the Short Circuits to remain in second place. The Thin Pins just about removed the Guards from competition in the second round by blanking the boys in blue and the Hooks and Moles rolled to a two-two deadlock.

Paddy Peckman paced the Hurricanes in their triumph by monopolizing most individual scoring honors, posting a 220 scratch game, boosted to 247 with handicap, and a 556 scratch series. Carl Frazier, of the Hornets, was tops with a 648 handicap series. The Hurricanes swept team scoring leads with 900, 1061, 2387 and 2980 across the board. The first two and last scores were high for the second round of play.

League standing follows:

Team	W	L
Hurricanes	45	11
Hornets	36	20
Guards	31	25
Hooks	27	29
Thin Pins	26	30
Orphans	25	31
Moles	22	34
Short Circuits	12	44

### TEST SITE OFFICE SET

According to the Associated Press, the Atomic Energy Commission has announced establishment of an office in Albuquerque, N. M., to supervise atomic test sites both in the United States and overseas.

## Mineralogists To Hear Talk On Ducktown, Visit Area

Berlen C. Moneymaker, chief geologist of the Tennessee Valley Authority, will speak on "Deposits of the Ducktown Type" at a meeting of the Oak Ridge Mineralogy Society at 8 o'clock tomorrow night, Thursday, April 10. The meeting will be held at the Jefferson Junior High School. Moneymaker is a resident of Knoxville and studied geology at the University of Tennessee and Yale University.

The next field trip of the society is planned for Saturday, April 12, when club members will go to the Ducktown-Copper Hill area. W. W. Simmons, geologist for the Tennessee Copper Co., is arranging surface trips for women and underground trips for men who desire to make them.

The club is arranging a gem-cutting class and interested members are urged to communicate with officers if they wish to study this work.



**FRIENDS AND NEIGHBORS OF LARRY PARSONS, OF THE ELECTROMAGNETIC RESEARCH Division of Oak Ridge National Laboratory in Y-12, dropped in for an "open house" session that honored Marine Corps Cpl. Jack J. Parsons, son of the Y-12er, and his wife, Mrs. Bettye Ann Parsons, daughter of John M. Hughey, former Y-12 fire chief. From left are Larry Parsons, Evelyn Ellingson, wife of a Y-12er; Mrs. Larry Parsons, Joyce Barnes, AEC; Pearl Eads, a high school student; Mrs. Bettye Parsons, Corporal Parsons, Dr. R. L. Livingston, of Y-12; and Sgt. Larry Jom Parsons, another son of Larry Parsons. Then come Ann Matlock, wife of Don Matlock, of Y-12; Harold Keese, who served in Korea with Sergeant Parsons; his wife, Ann; and Don Matlock.**

## Controllers Conquer Woes; O'Neal Scores Well In W League

The Controllers, top scratch scoring team in the All-Carbide tournament, kept up their hot streak last week in W League play by halting the drive of the Woes toward second half honors in that circuit. The Controllers knocked over the loop leaders by two games out of three. Other decisions in the league were by the same margin with the lowly Hi Balls fizzing over the Strikeites, the Kemps downing the Mix Ups and the Cracker Jax trimming the Make Ups.

Margaret O'Neal, of the Kemps, had the best scratch scores, a 193 game and 534 series. She almost had the top handicap series with 654, but was nosed out by Jean Sharp Maddux with 659. Jean also had the top handicap game of 249. The Kemps and Hi Balls divided team scoring honors, the former having a scratch game of 743 and a scratch series of 2175. The Hi Balls rolled a 988 handicap game and 2881 handicap series.

League standing follows:

Team	W	L
Woes	24	12
Controllers	22	14
Strikeites	20	16
Kemps	19	17
Cracker Jax	19	17
Mix Ups	15	21
Make Ups	15	21
Hi Balls	12	24

outstanding activities outside of his work. However, he is an avid sports fan, liking football, baseball, softball and basketball almost equally.

### Y-12ers Extend Congratulations

All of his many friends and close associates in Y-12 are busy this week extending congratulations to Barron on his anniversary, and wishes for many more years of fruitful service to the Company by the popular Y-12er.

It is pretty well agreed that the switch from pill rolling to pay-rolling proved profitable to Carbide—and possibly a big loss to the pharmaceutical world.

## Attendance Record

**MAJOR LEAGUE**  
 More Than 50 Employees Scheduled

Dept.	Absent Percentage	3-30-52	3-23-52
2619	0.7	1	2
2617	1.35	2	3
2018	1.38	3	9
2060	1.6	4	1
2077	1.98	5	4
2739	2.03	6	6
2773	2.55	7	8
2091	2.59	8	10
2001	2.8	9	5
2790	2.9	10	15
2014	3.5	11	12
2618	3.6	12	13
2142	3.8	13	16
2015	4.08	14	14
2003	4.12	15	11
2008	5.6	16	7

Group absentee percentage was 2.9 per cent, remaining the same as the preceding week.

**MINOR LEAGUE**  
 15-49 Employees Scheduled

Dept.	Absent Percentage	3-30-52	3-23-52
2743	0.0	1	1
2145	0.0	1	2
2107	0.0	2	7
2005	0.5	3	3
2143	0.7	4	1
2109	0.9	5	4
2200	1.4	6	1
2133	2.6	7	5
2064	3.0	8	11
2144	3.06	9	1
2002	3.10	10	9
2096	3.5	11	6
2108	3.91	12	8
2616	3.91	12	10
2093	7.0	13	12
2090	8.3	14	13

Group absentee percentage was 2.5 per cent, .1 per cent lower than the preceding week.

The plant average for the week ending March 30 was 2.8 per cent, remaining the same as the preceding week.

## Bowlers Take Four From Moose Team

The Y-12 varsity bowling team resumed its winning ways on Monday night, March 31, by mauling the Moose kегglers for a four point whitewash victory. The win kept the Y-12ers in second place and still having a chance to overhaul the league leading Friedman bowlers.

Well-balanced scoring by all of the Y-12ers brought home the bacon against the Moose. Roy Roberts posted 212, 190, 176, 578; Ernie Cobble 189, 189, 197, 575; Elmore Koons 188, 171, 202, 561; Jack Spears 181, 184, 191, 556 and Len Hart 206, 171, 148, 525. The Y-12 team scores were 876, 905, 914—2795; to 840, 852, 879—2571 for the Moose.

## Early Return Of U. S. Survey Blanks Urged Of Y-12ers

In order that a definite opinion can be obtained from all Y-12 employees living both in Oak Ridge and off the area on the proposed incorporation of the city and the idea advanced for sale of property for private ownership, every Y-12er who has or will receive a questionnaire from the United States Census Bureau is urged to fill it out and return it as soon as possible. Future developments in Oak Ridge probably will largely be governed by the public opinion expressed in the surveys to be made.