

SANDIA BULLETIN

Vol. IV, No. 23

SANDIA CORPORATION, ALBUQUERQUE, N. M.

NOV. 7, 1952



Retreat Ceremonies on Sandia Base Call For Courtesies to Colors by Civilians

It has long been the custom of good United States citizens to pay all honors due the colors during the retreat ceremony on military bases. On Sandia Base, where retreat is held at 5:30 this time of year, civilians are reminded and urged to show their respect to their country's flag.

Cannon Fired

Retreat on Sandia Base is like the ceremonies on all military bases. At the designated hour after the bugler sounds retreat and the retreat cannon is fired the national anthem is played or "To the Colors" is sounded by the bugler. During the playing of either, the colors are slowly lowered.

Pedestrians at that time should face the colors and men should remove their headgear with the right hand and hold them at the left shoulder with the hand over the heart. Women salute by placing the right hand over the heart.

Persons in passenger cars should stop and get out of the car at the first notes of the national anthem or "To the Colors" and should render the salute described above. Passengers in other types of vehicles and buses should remain seated and the driver of the vehicle should dismount and render the above salute.

Bugle Call History

The use of the bugle and cannon for retreat ceremonies has an old and colorful history. The use of the bugle to sound military calls has its origin in the earliest years of civilized man. Because the bugle's piercing tones carried above the din of battle, it was ideal for transmitting orders and signals. Most of the calls for the United States Army were adopted from the French and some from the British. They were standardized during the Civil War and have changed little since. "Retreat" was a French cavalry call first adopted during the Crusades. It does not mean retreat from the enemy, but retirement from the day's activities. In the Navy, it is called Evening Colors. At one time it was customary for a fife and drum corps to march through a camp at sunset, while all soldiers were required to "repair to their tents or quarters." Our present retreat custom is a modern version of that custom.

The firing of the sunset gun is supposed to stem from the ancient custom of making a great noise in camp as the sun went down in order to frighten away all evil spirits. In modern times the retreat piece is fired after Retreat is sounded and is then followed by the national anthem or the bugle call, "To the Colors."

Glenn Fowler Elected Constable Precinct 37

According to unofficial returns in the November 4 election Glenn A. Fowler, 5200, is the apparent winner for the office of constable in Albuquerque's precinct 37. Mr. Fowler received 29 votes. Several other write-in candidates received a small scattering of votes.

Famous Music of Russ Morgan at Club Tomorrow

"Music in the Morgan Manner," will be featured at the Coronado Club tomorrow night. The Russ Morgan Orchestra has weathered all fads, styles and crazes of musical



"Manon" Vocalist Russ Morgan

forms and despite all conflicts between the passions of "sweet" versus "swing" has adhered to straight music—rhythmic, melodic and easy-on-the-ears.

Besides being a talented arranger who at the age of 21 was arranging music for John Phillip Sousa and Victor Herbert, Russ Morgan is the composer of such great hits as "So Tired," "Somebody Else Is Taking My Place," and "Sweet Eloise." From 1949 to 1950 over 10,000,000 of Morgan's records were sold. These included tunes like: "Bye Bye Blackbird," "Forever and Ever," and "Cruisin' Down the River."

The Morgan Orchestra played at the world premiere of the Shamrock Hotel in Houston, Texas, and has had dates at all of the nation's famous hotels and night clubs including the Palladium in Hollywood, Chez Paree, Chicago, and the Paramount in New York.

The dance tomorrow night starts at 9 and lasts until 1. Reservations must be made at time of ticket purchase and tickets are on sale at the Coronado Club office right now at \$1.50 per member, \$2 per guest.

Delta Sigma Pi to Meet for Founders Day Banquet at Club

The alumnae chapter and active chapter of Delta Sigma Pi are having a founder's day banquet at the Coronado Club Friday evening, Nov. 7, at 7 p.m. Arrangements for this function have been made by Dean Irvin, 3150, president of the alumni club. Eugene W. Pierce, Jr., son of E. W. Pierce, 3120, is social chairman of the active chapter.

All "Delta Sigs" not known to the local organization are welcomed to join in this occasion and join future activities.

Special Recordings Brought Back From Eastern Symposium

Tape recordings, illustrated with slides, covering the latest developments in high speed photography and in photographic instrumentation will be available to local technicians who were not able to attend the International Symposium on High Speed Photography recently held in Washington, D.C.

H. C. Barr, 5216, one of the Sandians attending the session, secured the recordings of 12 of the most valuable lectures and borrowed from the authors slides illustrating the talks. He will copy the slides for the tape recording circulating library.

Mr. Barr feels that meetings of this sort are a source of much valuable new information which is usually not available in printed form for several months after presentation and even then does not receive wide circulation. In an effort to remedy this situation he instituted the preparation of tape recordings and already has received numerous requests from organizations and companies wishing to borrow them.

Those Keys You've Lost May Be Here

Lose your car keys lately?

Or your gloves, glasses, fountain pen or pipe? If so, why not check the lost and found counter in Employee Services, Building T-301.

In addition to the assortment named above there are these items: a baby's dark green corduroy bonnet, sheep-lined mittens, a New Mexico chauffeur's license, several rosaries, automatic pencils, a few costume jewelry pieces . . . but most of all are keys, keys, and more keys.

A. S. M. Meets at Los Alamos Nov. 12

"Non-destructive Testing in Industry," will be the topic at a joint meeting of the Albuquerque section and the Los Alamos chapter of the American Society for Metals to be held at the Civic Club, Los Alamos, Wednesday, Nov. 12. It will be a dinner meeting starting at 6:30 p.m.

Speaking on the topic will be Robert C. McMaster of the Battelle Memorial Institute, a metallurgical research concern which is sponsoring the meeting. Included in the topic will be phases such as ultrasonic inspection, radiography and magnaflux.

More than 70 engineers are expected to attend from the two groups. Douglas Ballard, 1512, Albuquerque representative for the Los Alamos chapter, has announced that all engineers interested in the topic are invited to attend. He urged them to contact him for reservations and transportation at ext. 21142 before Nov. 11.

Salvage Sale

A limited quantity of miscellaneous tools, electrical items, lumber and other material will be on sale at the Sandia Corporation Salvage Yard beginning November 10. This material may be purchased for cash between the hours of 12 noon and 1 p.m. at the Salvage Yard sales area, east of the South Tech Area gate.

A. T. & T. Official Talks About T V Before Engineers

An illustrated lecture about television, presented in non-technical terms by Dr. M. E. Strieby, director of technical demonstrations, American Telephone and Telegraph Co., will be jointly sponsored by the Northern New Mexico Section and the student branch of the American Institute of Electrical Engineers on Wednesday, Nov. 12. The meeting will be held at Carlisle Gymnasium, University of New Mexico, at 7:30 p.m.

A noted scientist and lecturer, Dr. Strieby will explain in his talk entitled, "Microwave Relay Links and Television," how a television picture is changed into electrical waves, how those waves are transported to television stations, and how the television set reconverts the waves back into a picture.

Dr. Strieby will also discuss the Bell System's plans for expanding the nation's television networks. The lecture is supplemented by demonstration equipment and following the talk Dr. Strieby will conduct a question and answer period.

The A.I.E.E. has invited the general public to this meeting.

Magicians Will Entertain Wives

Ladies Night for the Albuquerque Magicians Club will be held tonight at the Franciscan Hotel, 7:30 p.m. The featured act of the evening will be given by H. P. Westgate, 1231, and his wife.

Westgate is internationally known as the inventor of a famous trick called the Westgate Bowl Illusion.

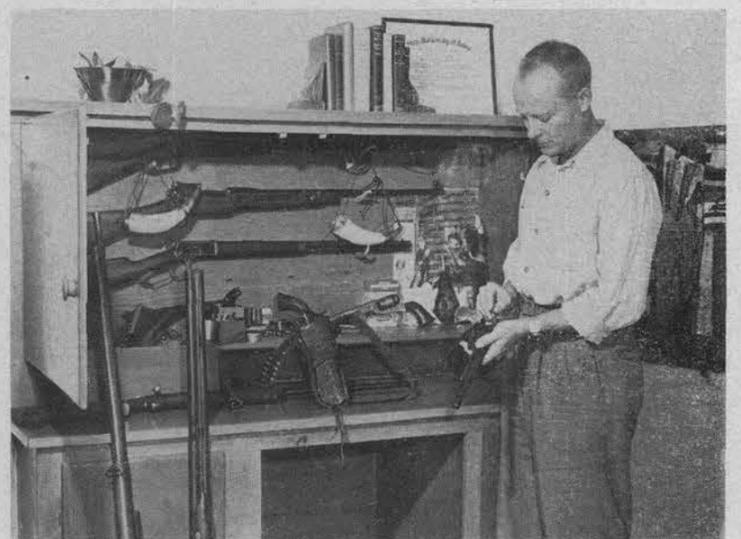
Here's A Most Unusual Sandia Hunter— He Hunts for Guns; and Also With Them

When Ken Finders sees a picture of an antique gun and that particular gun pleases his eye, Ken goes hunting for the weapon to add to his collection.

Perhaps this is a strange way to pursue the hobby of gun collecting, but it happens to be the way he likes it. Ken, 2443, doesn't care about having the oldest gun, or the biggest, or the smallest, or the shootin'est . . . if the piece attracts Ken by its appearance and he finds that model for his den, he will disassemble and repair it, make the bullet or shell for it himself, and fancy it up with lots of rubbing and polishing. To Ken that is the way to enjoy the hobby of gun collecting.

Among the ordnance assembled in Ken's gun cabinet are these: an 1875 model army rifle, 43 caliber Beaumont, bolt action—a weapon manufactured for the Dutch army; a single action army colt revolver, 32-20 caliber, the "Peace-maker" of the old West—for this one Ken made the grips from Elk horn; an 1851 model of a 36 caliber Colt revolver made for the Navy with the manufacturer's data on the barrel: "Address Col. Sam Colt, New York, U.S. America."

He also has an old muzzle loading shotgun which went out of production after 1870 (for this one Ken has a "shot flask" and powder horn and some percussion caps that are pretty rare); another old muzzle loading shotgun, double barrel, 11 gauge (yes—11 gauge!) which Ken found in an antique shop. He also has a 32-20 Model 92 "Homesteader" lever-action rifle used extensively in the winning of the West to provide



KEN FINDERS INSPECTS one of the pistols from his collection of firearms. He carved the grips for this particular weapon from stag horn.

deer and game for family larders.

Ken keeps his budding collection in a den at his attractive home overlooking the mesa in Hoffmantown. When he wants to test shoot one of his models, he crosses the street and walks a few hundred yards out into open country. He makes his own ammunition at home, but never fires one of his antique weapons without making certain it's ready to go . . . and back of that is a lot of careful cleaning and repair. Ken has a 22-caliber 1859 model Remington revolver which he practically made himself from odd parts.

A graduate of the University of

Iowa in 1950, Ken, 2443, holds a B.S. degree in engineering. He worked at Davis Dam in Arizona in the engineering department prior to coming to Sandia. Ken's two children are 4-months-old Mary and Dale, 2. Because of the exploring habits of 2-year-olds, Ken keeps his gun cabinet mounted high on the wall and locked. Some of the larger weapons are closeted behind another locked door. Ken made his cabinet from surplus plywood boxes he bought from salvage at the Base. It's a neat job of carpentering, too, and adds a nice bit of decor to the family den.

SANDIA BULLETIN

Friday, November 7, 1952

Published for the employees of Sandia Corporation, Albuquerque, New Mexico

Editor, Robert S. Gillespie
Assistant Editors, William A. Jenkins, Maxine Ethridge

Photography by Photographic and Reproduction Division

The Sandia Bulletin is published every other Friday. Contributions should be mailed to The Bulletin, Employees Service Office, Building T-301. All contributions should be in The Bulletin office by noon Friday one week in advance of publication date.

Telephone Ext. 25253

Thanks for a Job Well Done

The Sandia Corporation and its employees have contributed over \$33,000 to the Community Chest of which total the employees' gifts amounted to over \$28,500. Last year we raised over 10% of Albuquerque's Community Chest fund and this year our contribution represents nearly 15% of the amount being sought in Greater Albuquerque. Part of our success is due to the fact that we had a greater percentage participation this year and that the average gift was 20% higher than before.

We can look with pride upon this accomplishment, not so much because we are Sandians, but because as Albuquerqueans we have so willingly accepted our responsibility to care for those less fortunate than ourselves. We all benefit, either directly or indirectly, from the services of these Community Chest agencies because of their beneficial effect upon the community in which we live and raise our families.

The Community Chest Committee thanks and congratulates each one of you on your excellent support with both time and money of a worthy cause.

Community Chest Committee
H. J. WALLIS, Chairman

Program of Dances, Buffet Dinners, Bingo, Bridge at Club in November

Highlighting the Coronado Club's November calendar is the Russ Morgan Orchestra dance tomorrow night. Following right after this big name event is the Club's ever popular buffet-dance with Don Lesman and his combo playing from 6 to 10 p.m. The buffet is from 5 to 7:30 p.m. with a charge of \$2 per member, \$2.50 per guest for the full evening. The second buffet-dance of the month, with Charlie Beisel's band, will be on the 23rd.

On the 11th and 25th ballroom dance instruction is again scheduled under the tutelage of Arthur Murray instructors. Time: 8:30 to 10:30 p.m.

Bingo players take over the Club on the 12th and 26th and on the 6th, 13th, and 20th, duplicate bridge will be the featured event. On Sunday the 16th the Duplicate Bridge Tournament will be held with trophies and cash prizes for the winners.

The Dick Mango Orchestra from Denver will appear at the Club on the 21st to play from 9 to 1. This troupe has played all the plush dance spots in the Mile-High City and they're sure to draw a big crowd here. Tickets are on sale at the Club office at \$1 per member, \$1.50 per guest. Your reservations are made automatically when you buy your ticket.

The big night for square dancers will be Saturday the 28th when Pancho Baird and his Santa Fe Rangers will play from 8 to 12. Maurice Karnowsky and his piano will be on hand in the Cocktail Lounge that night and also on the 7th. Accordionist Al Jordan will play the Lounge on the 14th and 28th.

Winding up the list of events is the juke box dance on the 15th and an informal dance on the 29th with Al Hamilton's band on the stand.

An end of the season fishing trip that ended up with no fish was the recent outing for Bob Berg, 2545, Charlie Betcher, 2530, Chester Corbin, 2124, and Dean Yearout, 5412.

Back from a vacation in Iowa is Stan Krell, 3154. He visited his old home for two weeks.

R. J. Hobson, 2543, and his wife welcomed a new son into their home October 30. The baby, who was named James Thurston, weighed 5 pounds, 10 ounces. Congratulations!

J. M. Gustafson, 2545, gave a big division party at his home on a recent Saturday night, the occasion to honor Alberta Compton and Joe Tillman who were recently married. The guests had a wonderful evening of fun and everything when off smoothly except for the fact that the honored couple didn't show up. Returning from the west coast they had automobile trouble in Kingman, Ariz., and were unable to get back to Albuquerque in time for the party.



WHILE HOSPITALIZED in Madigan Army Hospital, Tacoma, Wash., Adolfo E. Sena, who is on military leave from Sandia Corporation, painted the landscape which he holds in the above picture. He is presenting the painting to his parents. Before entering military service he was employed in 2415. His father, Joe Sena, works in 2413-1. "By April 1 I'll be discharged and plan on going back to work with the Corporation," he writes. Following is his address: Pfc. Adolfo E. Sena, NG 57463266, Ward 12A, Madigan General Hospital, Tacoma, Wash.

A catch of 27 fish (one 18 inches long) closed the fishing season for Jack Mafit, 3152, and his wife, Sue. They wet the final line of the season at Red River.

Jane Letcher and Allie Dayton followed the University of New Mexico football team to El Paso to see the Lobo-Texas Western game.

Shirley and Harold Brint, 4151, are the proud parents of their second son, Dick Ian, born October 21 and weighing 5 pounds 14 ounces. Congratulations!

2234 nimrods, deer season hunters, include Ted Forcum, Jerry Sons, Bob Tant, Carleton Marchbanks and Roy Rogers.

Lawrence Sedore, 2234, will vacation this month in Arizona and Modeston, Calif., where he will visit a brother. He also plans a trip into Old Mexico. Other 2234 news includes Pat Ryan's trip last week to Los Angeles and Wesley Johnson's bagging of an antelope October 26.

2231 employees who are enjoying visits from out-of-towners include Ellen Roop, entertaining friends from Michigan, and Ruth Justin, relatives from Indiana.

Norma Bowers, 2333-1, and her husband vacationed in Kentucky and Tennessee recently and attended the Alabama-Tennessee football game.

Eileen Walker, 2333-1, and her husband, Bob, spent a week's vacation at home. He has been called into the armed forces.

Sandians on vacation recently include Laura Maciel and Virginia Barrett, who have returned to 2312. Laura visited Los Angeles and Virginia worked around her new home. Genevieve Gillespie, 2321, reports a grand vacation in Denver, and J. E. Devoy, 2321, spent two weeks touring the state of New Mexico with his son and daughter-in-law from New York.

R. E. Scharpen, 3151, recently took his wife to Phoenix where she will visit for two months.

Joining the ranks of the sports car owners is James Sisler, 1524. He bought a snappy new MG.

Jeanne Jolly, 3153, spent a recent week end butchering and storing an antelope which her husband Buck, 2124, shot during the first 9 minutes of the hunting season. Buck was with Bill Farmer, 2124, who shot his antelope the second morning of the season. The hunt was on the Lockhart ranch near Magdalena.

Madelyn Washington has returned to her job in 2545 after spending her vacation at home.

Pheasant hunting in South Dakota was the enjoyable vacation outing last month for Jerry Jones, 1231. Jerry says he caught his limit.

Amy Arthur, weight 6 pounds, 4 ounces, joined the Jim Arthur family October 4. Jim is a member of 1231. Congratulations!

Natalie and Sam Moore, 1320, are the parents of a new daughter, Sarah Robertson, who arrived October 29, weight 7 pounds 15½ ounces. Congratulations!

Fellow employees of 1921-2 are glad to have Paul Kirby back on the job after a week in the hospital.

Several employees in 3153 are taking painting instructions under the direction of Ann Monroe. The first weekly meeting was at the home of Pat Farley. Others who attended were Kenneth Hankins, Connie Steputis, Mata Dugger, Vera Burken, Olive Barwick, Carmel Sanchez.

AROUND THE DEPARTMENTS

Congratulations to Henry and Dorothy Roeder on the birth of their fourth child, Jean Marie, who arrived October 6, weight 8 pounds. Henry, 2124, is the father of Susie, 12, Mike, 9, and Ruth, 7.

Florence Bland, 2351, honored June Kelly, 1922-2, with a surprise housewarming shower shortly after June moved into her new home at 1028 Wilmore Dr. SE.

Sophia Berning, 1812, who submitted to surgery October 27 at Presbyterian hospital, is wished a speedy recovery by her co-workers.

Vickie Bercharlie was honored with a shower recently by her co-workers in 1924. Hostesses were Katherine Quinn, at whose home the party was held, and Vivian Conteras, Mary Abousemen and Laura McCullar.



SALTON SEA GET-TOGETHER—A party honoring J. K. Hulsey, 2483, was preserved in this snapshot taken at the home of Barbara and Gene Dirnberger, 5214. L to R in the background are: A. L. Merrill AEC, Mr. and Mrs. Walter Blank, Gene Dirnberger 2483-2, Burke Duff 5214, Fay Bragg 2482-1, and Barbara Dirnberger. Seated: Dan Cain 2483-2, Mrs. Cain, Mrs. Joe Dirnberger, and J. K. Hulsey.

Taking his place in the ranks of TV enthusiasts is 2451's N. T. "Pop" Jones. "Pop" debated for a year whether to buy a set, now he's glad he took the plunge.

Donna Peacock, 2464-1, brought a cake for her co-workers to enjoy when she celebrated her birthday last month.

Sue and Bill Fowler, 2533, are the happy parents of a new daughter, Linda, who arrived October 29 weighing 9 pounds, 8 ounces. Congratulations!

Neil Hansen is chairman of the 3150 barbecue-dance scheduled for tonight at 8:30 at the Coronado Club.

Caroline Storm of Hatsboro, Pa., became the bride of William Powers, 2334, October 17 in Albuquerque. Nick Pavletich, 2541, was best man. Mr. and Mrs. Powers are now at home at 514 57th St. SW.



WEDDING BELLS rang recently for Noline Mounyo, 4232, and Conrad Pickens, 2461. The ceremony took place at Socorro in San Miguel Church. After a honeymoon in Mexico they made their home in Albuquerque at 315 Veranda Road.

Barbara Hegge, 3150, is enjoying a visit from her parents who came all the way from Verona, N.J.

Entertaining the family of her husband is Vesta Mayer, 3153. They came to Albuquerque from Arlington Heights, Ill.

Rudy Frantik, 5131, has moved into a home at 917 San Lorenzo NW.

1211 welcomed John Brammer back to work last week following a brief illness.

Congratulations to Emma and Leon Luke, 4153, for the birth of their new daughter, Lora Anne, who arrived October 14, weighing 7 pounds, 9 ounces. She has two sisters and one brother.

Charles Weld, 4153, married Marie Ann Hanson in a ceremony October 11 at Central Methodist Church in Albuquerque. The couple spent their honeymoon in Denver, Colorado Springs and El Paso.

Returned to work from an "Albuquerque" vacation is Marvin Glaze, 4151. Employees in that department are wishing a speedy convalescence to Bernice Gustafson after her recent illness.

Gil Stapleton and Jeff Gammon, both of 2331-2, are planning a hunting trip this week end into the mountains southwest of Socorro.

Peggy Burkhalter has been appointed secretary in 2331, taking the position held by Anita Kloenne who will be married in December.

Anyone for bricklaying? Jim McMinn, 1911, is building a garage at his home, 8927 Fairbanks Road NE, in his spare time and will gladly give lessons to interested parties.

Congratulations to Eric Ungar, 1261, and Mrs. Ungar. They are the parents of a new baby daughter, Judith Shari.

Gary Heckman, 1334, spent his vacation at home in Albuquerque, but joined his family for several side trips to places of interest.

Bill Armstrong, 2534, and his wife are the parents of a new daughter, Jean, who was born October 19, weighing 6 pounds, 4 ounces. Congratulations!

Margaret Ramirez is back in 2333-3 after a two-week vacation, and Viola Tafoya has returned to 2300 following a week's illness.

Jim Galbreath, 3153, has purchased a new home on Rio Grande Blvd.



Your Paycheck

Men, Women and Machines do the job of computing and writing your check — and it's a big task



YOU SHOULD KNOW this man. He's R. B. Yoder, 3221, and his signature appears on your paycheck. Bob is supervisor of the Financial Division.



THE CYCLE BEGINS as Bertha Bower takes out the time cards which will be placed in the racks. Every Friday Bertha makes her rounds.

Your paycheck has quite a story behind it. It is a tale of hard work, continuous checking for accuracy, and a race against a deadline. The folks who do the work take it all in stride, and are a little surprised that it makes good material for a SANDIA BULLETIN article. But, what they do and how they do it is a tale of an ingenious process set up so that we (and there are more than 5000 of us) get our wages on time.

The story of your paycheck covers the work of Division 4131, headed by R. M. Hansen, Division 3221, R. B. Yoder, Supervisor, and Division 3222, Martin Grothe, Supervisor.

The first step in getting you paid starts when Bertha Bower delivers time cards to the various organizations of Sandia Corporation. For a week some of these cards (those for the hourly and weekly rated employees) stay in the racks traveling through the mechanical recording clock four times a day. The remainder of the time cards which are for the monthly rated employees are manually filled out. When the pay period for each type of card ends back they go to Section 4131-3, headed by Fred Mitchell. Dorothy Wang and Sally Kinne make sure that the cards are all returned.

Computing Commences

There is also a large group of monthly-paid employees. Payment for these employees is prepared in Section 4131-1, headed by Bill Lew. Receipt of these completed time cards is

checked by Betty Van Gundy twice each month.

Eligibility for sick leave and vacation time charges recorded on the cards are verified by Holly Balistrere, Claudine Di Guiseppi and Clara Whitaker and then a large group in the organization goes to work computing and auditing the time cards. Doing the work of totaling hours and checking for accuracy are Charlotte Feldman, Bertha Bower, Kay Graff, Eleanor McPhate, Joy Cannedy, Betty Van Gundy, Phoebe Boyd, Dorothy Wang, Phyllis Hoyt and Esther Southern. Any overtime recorded on the time cards is also checked to determine that it has been properly authorized and approved in accordance with existing S. C. I.'s.

But things are not as simple as they might seem. The above handling of the time cards is done for the regular weekly and monthly payroll. However there are special payrolls, known as "hand payrolls" which must be completed. They are caused by late time cards, corrected cards, new hires, terminations and a variety of other causes which call for this special work. Preparing it are Holly Balistrere, Charlotte Feldman, Eleanor McPhate, Kay Graff, Betty Van Gundy, Phyllis Hoyt and Amazette Wold.

Machines Take Part

After the cards are audited and computed they are sent to the key punch operators in section 4131-2, which is under direction of Carter Howard. And here unfolds another story which shows that man is able to perfect machines to do much of his work, but the machines are helpless without the men and women behind them.

Cards carry legends showing the number of work hours, vacation, sick leave, etc., which the employee has established that pay period. This is done by punching holes in the cards which to the unpracticed eye tells nothing, but to the machines which will eventually receive them, they tell all. The women with the nimble fingers and quick reflexes operating the key punches are Jean Berry, Edna Bierner, Eulah Hansen, Lois Lake, Betty Mobbs, Donna Ross, Cleo Smith, and Evelyn Garman.

In this series of cards, known to the division as detail cards, all the necessary vital information is placed—one card tells the story for each category of hours for which the employee is to be paid. The information on these cards is combined with the employee's master card, which contains his rate of pay. This is done by feeding them into several ingenious devices manufactured by International Business Machines Corp. known as tabulating machines. They are operated by J. K. "Pat" Patterson, Frank Lucero and Louis Narvaiz.

Paychecks Filled Out

And there begins and is completed the processes which combine the information on all cards, print the information on the pay detail you receive and also print the pay check which soon finds its way to your hands.

If you have requested that your wages be banked for you in an Albuquerque bank you may be surprised to know that your check is not sent to the bank. In fact no check, as such, is made out for you. Instead a "bank letter" is prepared including employees' names and amounts to be deposited to their accounts. This serves as a notification of deposit to the bank.

This completed payroll, after another careful audit in Section 4131-1 or 4131-3, is sent to the Financial Organization, 3220, which also makes a careful check for accuracy and then disburses the money. A check for the total amount to be deposited in any bank accompanies the "bank letter," and individual checks are sent out by the organization to some 50 other banks throughout the country for deposit to an employee's name. The remainder are delivered into your hands by one of several paymasters in Division 3222 who visit you at regular intervals.

Reports Needed

If this were the last of the duties of the payroll organization theirs would indeed be a less complicated life. But it

isn't. In fact, one entire section, 4131-1, headed by Bill Lew, is devoted to making out many required reports. And this, too, plays a vital part in the money you receive. To list some of the reports they prepare: Quarterly withholding tax and Social Security tax reports, they prepare your W-2 forms at the end of each year, they make retirement and group insurance reports to Prudential Life Insurance Company, and many other statistical reports.

These reports are made by Phyllis Hoyt, Esther Southern, Phoebe Boyd, Beverly Paul and Dorothy Wang and are typed by Amazette Wold. Assisting in the reports is Mary Lou Campbell, secretary to Mr. Hansen. Myrtle Fuller of this section maintains an employee pay rate "history" for each employee which is vital in computing each pay check.

To make a highly technical undertaking more complicated, remember that you have deductions from your paycheck—Social Security and federal income tax, already mentioned, and also the Credit Union, hospital insurance, U. S. Savings Bonds, sales to employees and others. These must all be maintained in current form and they enter into the computing of the amount of money due you. They are called "standard deductions" and it is the job of LaZona McClintock, 4131-3, to keep them up to date.

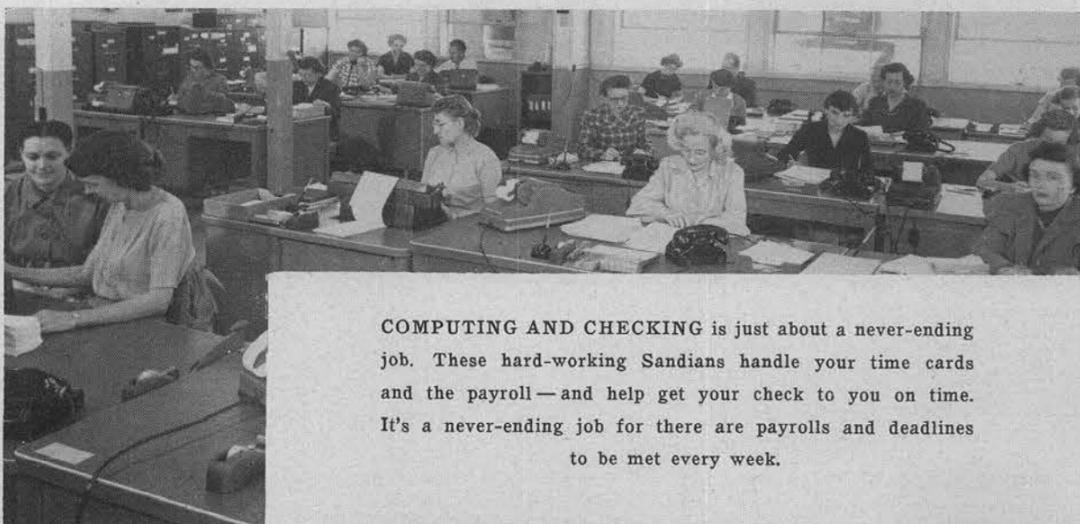
So you see, it isn't just a job of writing a check and signing a name. It's a big business, operating under pressure, and responsible for a lot of money. And they're important—they get your money to you.



THE END OF THE TRAIL comes when one of our paymasters, Felix Almaraz, 3222, delivers a check to Ollie Austin, 4222.



MACHINES DON'T THINK but under the guidance of these men they appear to do so. These four calculating machine operators are able to do the work of a battalion of check writers.



COMPUTING AND CHECKING is just about a never-ending job. These hard-working Sandians handle your time cards and the payroll—and help get your check to you on time. It's a never-ending job for there are payrolls and deadlines to be met every week.



THE STORY IS TOLD on a card. These key punch operators have the task of operating the machine which puts the holes in detail cards. Skill and speed are necessary here.



SADIE ENJOYS A FIGHT in Sandia Little Theatre's presentation of the famous production "Rain." Pictured here in a recent practice session are, L to R: Carolyn Tippet, wife of D. L. Tippet 1322, Dan McCarthy 3152, Ed Baldwin 4230, Margaret Reese 3160, Lt. Fred Belcher, Ann Kelsey Pearce, daughter of Harlan Kelsey 1511, and Don Peterson.

Maugham's Famous Story "Rain" to Be Presented by Sandia Little Theatre

Launching the Sandia Little Theatre season November 14 and 15 will be "Rain," Somerset Maugham's popular novelette adapted for the stage.

Leading roles of Sadie Thompson and Reverend Davidson will be played by Anne Kelsey Pierce and William R. Crossett, both veterans of little theatre productions.

Included among the cast are these Sandians: Margaret Reese, 3160, as Mrs. Davidson; Dan McCarthy, 3150, Dr. McPhail; Ed Baldwin, 4230, Joe Horn; Herb Hevert, 1231, Cpl. Hodgson, and D. L. "Tip" Tippet, 1322, a native policeman. Others are Caroline Tippet as Mrs. McPhail; Albert W. Vogel, Bates; Phyllis Rubin, native girl; Joan Roehm, Ameena Horn; Don Antman, Sgt. Griggs.

Plays Two Nights

Director of the company is Lt. Fred Belcher, assisted by Betty Stradford as co-technical director.

Sandia Corporation's Frank Grubbs, 4233-2, is a member of the stage crew and Mary Costello, 3151, is on the properties crew. Bill Freyer-muth, 2530, handles publicity and Betty Rosendale, 2400, is assistant business manager.

"Rain" will open Friday at 8:30 p.m. at the base theatre with a second performance at the same hour on Saturday. Tickets are available from members of the cast and at "The Plaza Palette" in Old Town.

Anne Kelsey Pierce, daughter of H. P. Kelsey, 1511, received her B.F.A. degree from the University of New Mexico in 1950, previously attending Smith College, Northampton, Mass. She appeared for three years in summer stock in the East and was active in the UNM theatre. She toured for two months in a show for the 4th Army and also sang in summer operettas in Andover, Mass. Her versatile background includes singing and dancing

New Phone System For Salton Sea Base

Work has just been completed on installation of a new telephone system at Salton Sea Base. The five week job done by men from Pacific Telephone and Telegraph Company and Western Electric Company Installation Division personnel provides use of a 24-hour a day local dialing system as well as two trunk lines out of the Base.

For those who understand telephone technical parlance it may be said that the manual telephone system was replaced by a 740-E dial switching system.

This type of telephone system, which gives the base the finest type of service, is the first of its kind in the Imperial Valley district.

as well as serious character portrayals.

Crossett as Preacher

Opposite the character, "Sadie," in the role of the preacher, William Crossett brings to Sandia a background of theatrics including a B.A. degree with a major in drama from the University of Washington, and experience in 23 plays at the Penthouse (the original arena theatre) and Showboat theatres. He toured the Pacific Northwest in 1949 and 1950 with the University of Washington traveling theatre when he appeared in "The Taming of the Shrew," "Years Ago" and "Aladdin and His Wonderful Lamp." In army shows he appeared in "The Man Who Came to Dinner," and "Ladies at Ease." Mr. Crossett also did radio work in Seattle and appeared in a movie filmed in the South.

"Rain" is the most ambitious production of the Sandia Little Theatre group to date. It has been interpreted for the stage by John Colton and Clemence Randolph. Among the top U.S. actresses to portray the role of "Sadie Thompson" have been Jeanne Eagles, Tallulah Bankhead, Joan Crawford and June Havoc, who was featured in the 1944 musical version of the play on Broadway.

Suggestions Invited For Coronado Club Program Features

A guide for selecting Coronado Club monthly entertainment functions was issued recently by Leo Dunn, 1281, director of entertainment. Robert M. Chesnut, 1911, entertainment committee chairman, will use this guide in planning the month's events but he will also consider any type of entertainment not within the scope of the guide.

The basic Club calendar drawn up by Director Dunn lists the following events:

- One name band dance.
- Two buffet-dances
- One local band dance
- Two dance instructions (varied ballroom and square dancing)
- One square dance
- Four bridge nights
- Four cocktail music engagements
- One Men's Night
- Two Bingo Nights.

Leo Dunn and Bob Chesnut are both interested in receiving suggestions or comments on Club entertainment functions. Leo may be contacted at ext. 31138 and Bob at ext. 4148.

Los Caballeros on KOB-TV Featuring Jacque Quinn

For a girl of French and Irish descent, Jacque Quinn, 1810, is having herself a gay time portraying "Juanita" on the Los Caballeros television show aired Wednesday evenings over KOB-TV.

Struming a "geetar" and singing, Jacque also participates in brief skits which are a regular feature of the show.

Jacque learned to speak Spanish in Taos where her family spent their summers away from their home in Oklahoma City; she made further study of folk songs while doing graduate work at the University of New Mexico. Collecting Spanish folk songs is her hobby. Her thesis, which she will write to obtain an M.A. degree will embrace the same subject.

With her double duty program of work for Sandia Corporation and entertaining on television, Jacque finds her days are brim full. She rehearses faithfully with the Caballeros, plans her costuming, studies, and on top of all this work and preparation she hopes to participate in the big Fall Folk Festival at the Ice Arena next week.

Big Evening for 4150 Folks at Club

There were Chinese, folks from "them thar hills," cowboys, pirates and Spike Jones' musicians at the 4150 Hallowe'en Dance at La Caña Room, Coronado Club, last week. At 9 p.m. the grand march was held among the streamers, pumpkins and skeletons to the organ music of Bill Brown.

Prizes were awarded to Mr. and Mrs. Louis Aragon for the funniest costume, Mr. and Mrs. Walter E. Rosendale, the best dressed couple and Ted Gourd and Gloria Lemm, the most original costume. Jim Fesler, Harry U'Ren and Jack Renaud were judges. After the excitement of prize winning everyone settled down to enjoy Al Spengeman's feats of magic and Marguerite and Clarence Ray dancing "The Varsoviene." Dorothy Dempsey entertained with songs and the program ended with a community sing led by Jim Harmeyer. Remainder of the evening was spent in dancing to the juke box.

Sympathy

Sandia Corporation employees extend their sympathy to Niveo Fisher, 2123, whose wife died October 22.

Sympathy is extended to Irene Berger, 2542, for the death of her sister last month.

Co-workers extend their sympathy to Burl Duncan, 4153, who was called to Tennessee for the funeral of his sister.

Weddings and Engagements

Mrs. G. H. Banks, 609 Tulane Ave. NE, announces the approaching marriage of her daughter, Barbara Banks, 3151, to Stuart David Johnson of Albuquerque. The wedding is



Barbara Banks

scheduled for late November. Barbara attended Texas State College for Women at Denton, and Arkansas State College, Jonesboro. Stuart, the son of Mr. and Mrs. S. L. Johnson, San Diego, attended San Diego State College and the University of Southern California, and is presently doing graduate work at the University of New Mexico.

Alberta Compton, 4222 (5110), was married October 6 in Mexico to R. J. Tillman, 2545. Alberta, the daughter of Mr. and Mrs. A. R. Bender of Albuquerque, is a graduate of Stephens College in Columbia, Mo. She has been with Sandia Corporation about 15 months. Mr. and Mrs. Tillman will establish residence in Los Angeles this month.

Special Classes Scheduled for Fall

Parents of handicapped children are asked to get application forms as soon as possible if they are interested in the educational classes scheduled to begin soon at the Community Health center. The forms may be obtained from 516 Amherst Dr. SE. Dr. F. G. Hirsch, former board member of the Association for the Education of Handicapped Children, is active in the group this year, and Mrs. Hirsch is the association's secretary.

Salton Sea News

Gordon Miller (Gordo), 5214, stationed at Salton Sea is the proud owner of not one but two young Afghan hounds. The one he has had now for about two months is a black male 7 months old, called Diode (because he seems to exist in a vacuum). The second one, the female, is buff or dark cream about 3 months old and is named Crystal.

New Employees

A welcome is extended to the following newcomers who joined Sandia Corporation between October 17 and October 29:

Howard A. Berry	1222
Edwin R. Phillips	1231
Byron H. Wickett	1232
John J. Sheridan	1241
Jack Stein	1322
Charles Z. Stuart	1322
Howard R. Shelton	1542
Cecil W. Shearhart	1543
Ernest W. Kersten	1713
Howard A. Keever	1931
Arthur Russell	1951
Lafayette W. Newhouse	1955
Dewey B. Farmer	2123
Fritz J. Wettin	2124
Adrian J. Swain	2125
Chester A. McMillan	2125
Elva R. Kollander	2141
David B. Hill, Jr.	2221
Barbara T. Eysler	2221
Barbara J. Barnett	2221
Joseph O. Phillips	2225
Lucy E. McPhetridge	2231
Jose M. Sanchez	2232
Blake J. Liston	2232
Nita E. Blair	2334
Diamond B. Avery	2411
Juan Pena	2412
Lonnie D. Skinner	2423
William M. Lansdell	2423
Donna J. Mayer	2461
Alex Griego	2461
Marcia L. Whelan	2471
Lorna G. Hensler	2472
Dorothy S. Jenkins	2530
Charles R. Quinn	2533
Reinhart C. Gauerke	2535
Lorraine C. McDonagh	2536
William K. McKim	3152
Betty A. Wilford	3152
Lois C. Pittman	3153
Frances R. Pavioni	3153
Violet L. McCutchan	3221
Lois E. Lake	4131
Beverly A. Paul	4131
Artie E. Hunter	4135
Shirley R. Spradling	4135
Ray E. Huston	4152
Edward L. Jolly	4153
Laura J. Loftin	4222
Perfilia L. Garule	4222
Bertie E. Chappel	4222
Mary D. Kaspar	4222
Jane E. Kennedy	4222
Dolores C. Gilroy	4222
Walter D. Wood	5131
Earl C. Saxton	5214
James M. Callar	5321
Melvin H. Eklund	5413
Ernest J. Bernard	5415
Charles E. Gumley	5415
George H. Donaldson	5421

PROMOTIONS

LEROY H. STRADFORD, section 2536-2. Except for a year when he left



to study electrical engineering at the University of New Mexico, Roy has been with us since 1946. Previously he spent almost a year with Los Alamos on the Crossroads operation as an electrical engineer. Roy served three years in the Army and before that worked as a journeyman electrician for two years.

MARCEL C. SCHIESS, division 1545. Marcel joined us last year after



three and a half years with a Miami, Fla., research engineering firm. While there he received B. S. degrees in electrical and mechanical engineering from the University of Miami. Marcel also is a veteran of four years with the Army Airways Communication System. Prior to entering the service he worked two years with Power Line Construction Co. in Wisconsin and Minnesota.

ROLLIN L. SCHNEIDER, division 1544. He came to Sandia early last



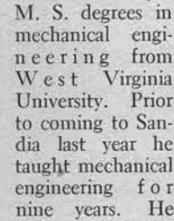
year following five and a half years as general manager of the Technical Services Co. in Albuquerque. Previously he was a mechanical engineering instructor at the University of New Mexico for a year and a half. Rollin has a B. S. degree in mechanical engineering from the University of New Mexico.

EDWARD WILLIAMS, section 1284-1. Ed joined us in February of



1951 after earning his M. S. degree in mechanical engineering at Kansas State College. Prior to that he worked three and a half years as a design engineer. Ed is a veteran with two and a half years in the Navy. He also has a B. S. in mechanical engineering from Kansas State College.

A. W. "WOODY" REGER, section 1284-2. Woody earned both B. S. and



M. S. degrees in mechanical engineering from West Virginia University. Prior to coming to Sandia last year he taught mechanical engineering for nine years. He was an assistant professor at the University of New Mexico and North Carolina State College and an instructor at the University of Arizona and Georgia Institute of Technology. Woody is also a veteran of two years in the Navy.

J. O. DAVIS, section 1281-1. Jo



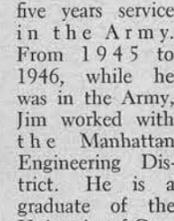
joined the Laboratory in July, 1947. He came here following his graduation from the University of New Mexico where he earned his B. S. degree in mechanical engineering. Before enrolling at the University Jo served for three years in the Army Air Corps. While in the Air Corps he was stationed in the Pacific area as an armament and ordnance officer.

R. STANLEY HOWARD, section 1281-2. Stan came to work at Sandia



in June, 1951. He joined the Corporation immediately following his graduation from the University of Arizona where he received his B. S. degree in mechanical engineering. For two years following his graduation from high school and prior to enrolling at the University, Stan worked on his parents' dairy farm near Phoenix, Ariz.

JAMES KARO, division 2465. Jim

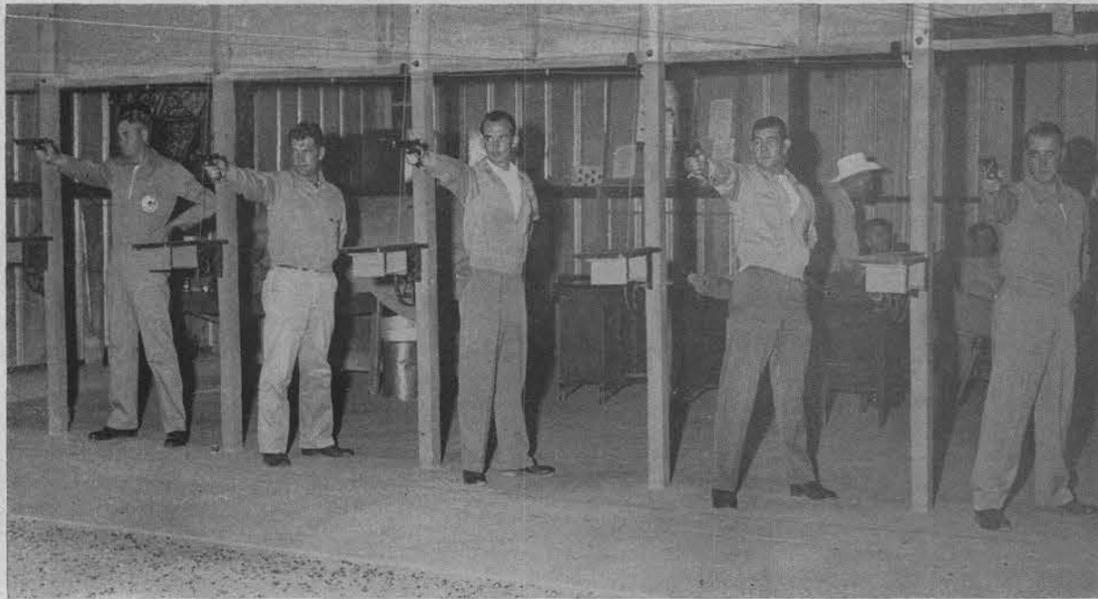


joined the staff here in 1946 following five years service in the Army. From 1945 to 1946, while he was in the Army, Jim worked with the Manhattan Engineering District. He is a graduate of the University of Connecticut where he received his B. S. degree in chemistry.

WALLACE F. BOYES, JR., section 2462-1. Wally has been with us since



1948. For a year before coming here he was an instructor at the Albuquerque School of Photography. Wally is a veteran of four years in the Air Corps where he was captain of a B-17 bomber. Prior to entering the Air Corps he was a marine electrician for a year at the Alabama Dry Docks, Mobile, Ala., and before that he worked as a commercial artist.



READY, A-A-A-AIM . . . and that's just what these Circle 10 Club pistolers are doing in one of the Club's regular practice sessions. L to R: John Pfalmer, Cliff Hiner, Bob Thomas, Julian Sanchez and Fred Brooks. Bob Thomas is in 2334 and Julian Sanchez just left for the armed services. The others are in 2452.

Sandians Improve Marksmanship with Competition in Their Own Gun Club

Ready on the right! Ready on the left! Ready on the firing line! That cry, so familiar to Uncle Sam's soldiers, is being heard frequently in the civilian life of many Sandians. It comes from a session of the Circle 10 Gun Club.

It all started about two years ago when a group of Security Inspectors decided to organize their pistol practice. They formed a club and named it Circle 10—the bullseye on a target that counts 10 points in scoring. The club has grown from this small group until now it boasts 56 members, 90 per cent Security Inspectors, 10 per cent other Corporation employees.

Steady Competition

The object of the club is not just for members to go out and bang away at targets until they're out of ammunition. A carefully organized proficiency system has been set up according to a tight schedule. Every Friday night a practice session is held from 5:30 to 6:30 p. m. at the Base indoor range. On Sundays the club practices at the Base outdoor range from 12 to 4 p. m.

In addition to providing a proving ground for the attainment of individual proficiency, these practice sessions are often miniature tournaments in themselves. The club has its members graded into three classes: A, B, and C. The "A's" are the best shots, the "C's" the poorest and the "B's" the average. These grades are determined according to a complicated scoring system whereby over a set period of time each member takes qualifying tests which are averaged to place him in either the A, B, or C class.

One of the methods of graduating from one class to another is by challenging the member of the class above. The winner moves into the advanced grade and the loser, if he hasn't reached

a qualifying score, drops a notch. That way the club's regular practice sessions often reach a high pitch of excitement when a challenging tournament is held.

Nationally Affiliated

Besides these inter-club tournaments the Circle 10 pistolers are ready at any time to compete with any other group. In the past they have had matches with the Albuquerque police and both the Navy and Marine teams on the base.

All the club's officers are Security Inspectors. Bill Kraus is president and his vice-president is Jim Lossing, secretary-treasurer Fred Brooks, executive officer, Cliff Hiner and range officer, Robin Kelly.

Circle 10 is affiliated with the National Rifle Association of America and each of its members pays \$3 dues to this organization each year. Despite this affiliation the Circle 10 Club has devised its own requirements and scoring methods without being dependent in any way on the Association's standards.

In full dress the club's marksmen look quite impressive. They have their own patch, which is worn on a club jacket, and they even have club caps. These uniforms will be in evidence this December when the club conducts the ceremony of awarding trophies to the best comparative shots in each team plus an award to the best shot of the year.

It's not all powder and smoke, however. When club members are not together sharpening up their aim, like as not they're on their way with their families to a picnic in the mountains or some other social activity.

It's serious business this learning to shoot straight but as any Circle 10 member will tell you, it's also a lot of fun.

Engineers to Discuss Profession Problems

Must the engineer choose between a strictly professional or an administrative career? What are the requirements, rewards and penalties of being a supervisor?

These and other questions will be presented as part of the topic discussion: Today's Roads to Advancement for the Engineer, slated for the American Society of Mechanical Engineers meeting Wednesday, Nov. 19, 7:30 p.m., Room 2, Mechanical Engineering Building, University of New Mexico.

Lynn E. Castle, 3126, will present his views on the topic and guide the discussion.

Coronado Club Duplicate Bridge Results

The last day of registration for the Nov. 16 duplicate bridge tournament is Thursday, Nov. 13. George Arnot, 5414, may be contacted at ext. 7137 for further information.

Winners of the Oct. 30 bridge session were:

- First
Mr. and Mrs. Robert M. Fegan
- Second
Maj. James H. Muhl-Maj. Willard P. Wicks.
- Third
Maj. John B. Gregory-Maj. Frederick T. Wilmot.
- Fourth
Mr. and Mrs. W. J. Barlow.



HOME FROM THE WAR is Paul Cruze, 2472-3. Here Paul greets an old friend, John R. Doyle, right, and his supervisor Freddy Vishaway, both 2472-3. October is Paul's favorite month. He first started working at Sandia in Oct. 1948, left for the Army in Oct. 1950 and returned here last month, October. Overseas Paul served in Korea for 11 months with the Third Division, 15th CanDo regiment. He was a corporal serving as acting sergeant when he was discharged. Paul is married and has a year and a half-old daughter.

The Inquiring Reporter asks:

"What do you think of de-emphasizing college football?"

BETTY J. COOKE, 4222-2. I think it is wiser to use the money, especially that spent on advertising, on other facilities at the college or university. Also, I believe there should be definitely more emphasis on studies than sports . . . after all, studies are the most important reason for a student to attend a college or university or they should be. I think a de-emphasis on college football is a good thing.



WILLIAM U. HOWARD, 2123-2. I think they should de-emphasize football. If the kids are going to college, it is better for them to learn something besides football. After all, their parents are footing the bill and the students should concentrate on their studies. A lot of folks spend their last nickel putting their children through school, and I believe they should have something for it, sort of "money's worth" in learning, not sports.



A. M. WATSON, 2451. I do not believe this de-emphasizing should be overdone. It may cut down on the sportsmanship of the players, although there are always some players who play only for the glory anyway. I certainly do not think college or university football players should let their studies go because of the time spent on the sport, but I believe a lot of harm could be done with an over-amount of de-emphasizing college football.



GRACE NICKS, 3153. There should be a "happy medium" reached on this sort of thing. Many fellows are hurt physically, and in some cases perhaps their studies would be better if they were not spending so much time on football. I think there is too much recruiting of players and too much significance attached to winning. Sports are a fine thing, if the effort and aim is not abused.



MARY JEAN LUCAS, 2512-1. I don't know much about football, but



I do think it is a good idea to de-emphasize it in colleges and universities. I do not believe a student should become lax in his studies because of the time spent on football. Perhaps de-emphasis will really make the fellows get in and pitch to get better grades. I do think there has been too much stress put on college sports in the past, and it is my opinion that with less significance attached to football, the grades will be better.

JACK D. MAFIT, 3152. Inasmuch as fishing has never become a major college sport, I really haven't given football, or anything connected with it, much thought. Now you take fishing . . . there is a sport. It has everything. I really can't give an opinion of de-emphasis on college football because I haven't thought about it. All I care about is fishing . . . now if they should ever dare to de-emphasize that . . . !



News In The Field of Atomic Energy

A basic link between mankind's efforts to understand and harness atomic energy and problems of cancer control was stressed as the Memorial Center for Cancer and Allied Diseases dedicated a new betatron unit in New York. AEC Chairman Dean disclosed in a speech at the dedication that "the atomic energy program has lent substantial impetus to the war against cancer." He pointed out that of some \$15,000,000 spent annually in the battle against the disease, about \$2,000,000 comes from the AEC. Dr. C. P. Rhoads, director of the center, explained that problems of protection against radiation injury are essentially those of cancer control. (New York Times)

The development of atomic electrical power is closer at hand than estimated a few years ago, according to Dr. Paul C. Aebersold, director of isotopes division of the AEC at Oak Ridge. He outlined the possible use of atomic energy in the textile industry in a speech at the convention of Clothing Manufacturers Association of the U.S. A. which was held recently in New York. (New York Times)

The Army has released information on a new 280-mm., 85-ton self-propelled cannon "with atomic firing capabilities." Army Sec. Pace disclosed that the "atomic gun can function in all kinds of weather, night or day," and is "essentially an artillery piece but with immeasurably greater power than any artillery hitherto known." (New York Times)

Prime Minister Churchill has told the House of Commons that Britain's recent atomic bomb explosion vaporized a warship in which it was detonated. It threw out a large tidal wave and sent out a blast of heat approaching a million degrees, Churchill said. (New York Times)

Dr. John C. Bugher, director of the AEC's division of biology and medicine, stated in an interview prior to the AEC Health Physics symposium at Idaho Falls, Ida., that significant strides have been made in studying radiation effects from Hiroshima bombing. He said that methods have been found to reduce radiation sickness, but explained that the "effect as a preventative is only good for a short period and could hardly have made effectiveness for military personnel because one doesn't know when they'll be exposed." (Idaho Falls Post Register)

Paul Colsman, of Brookhaven National Laboratory, says that packaging of atomic materials poses many problems and that the answers are few. He says that there is no means of disposal of long-lived isotopes which will guarantee safety other than controlled storage. It is his idea that shooting of such radioactive waste material into space seems to be the most permanent solution, but it will probably never become economically feasible. (New York Times)

Bowling Leagues

MAJOR LEAGUE

Team	Won	Lost
1. White Sox	17	3
2. Athletics	12	8
3. Senators	10	10
4. Indians	10	10
5. Tigers	10	10
6. Yankees	10	10
7. Red Sox	7	13
8. Browns	4	16

Team and Individual

High team series: Tigers, 2523.
High team game: Tigers, 897.
Individual high series: Zahm, 597.
Individual high game: 246.
Top 10 Averages
Atzberger 192, Zahm 173, Taylor 170, Johnson 169, Repetti 165, Wade 161, Nissen 160, Burmeister, Fitch, Carr, 158.

MAJOR LEAGUE

(DOWNTOWN)

Team	Won	Lost
1. Mackey	22	10
2. Neis	19	13
3. Ace	20	12
4. King	19	13
5. Hobson	19	13
6. Stromberg	18	14
7. Jack	15	17
8. Patterson	15	17
9. Corner	13	19
10. Sowell	12	20
11. Hassebrock	12	20
12. Chick	9	23

Team and Individual

High team series: Mackey, 2539.
High team game: Ace, 883.
Individual high series: Wade, 652.
Individual high game: Rapplevea, 215.
Top 10 Averages
Rapplevea, Wright 176, Frantz 172, Johnson 170, McKinney, Gasta 169, Hake, Mills, McKinley 167, Eacrot 166.

INDIAN LEAGUE

Team	Won	Lost
1. Apache	12½	7½
2. Blackfeet	11	9
3. Hopi	10½	8½
4. Mohawks	10	10
5. Arapahoe	10	10
6. Navajo	10	10
7. Zuni	8	12
8. Potawatomi	8	12

Team and Individual

High team series: Apache, 3121.
High team game: Apache, 1184.
High individual series: Mason, 709.
High individual game: Lloyd, 279.

Top 10 Averages

Nendell 194, Whitney 177, Fink 175, Parsons 171, Chaves 169, Taylor 168, Horne, Malley 167, Stone 166, Northrup, Sturtevant 165.

LADIES' "JEWELLETTE" LEAGUE

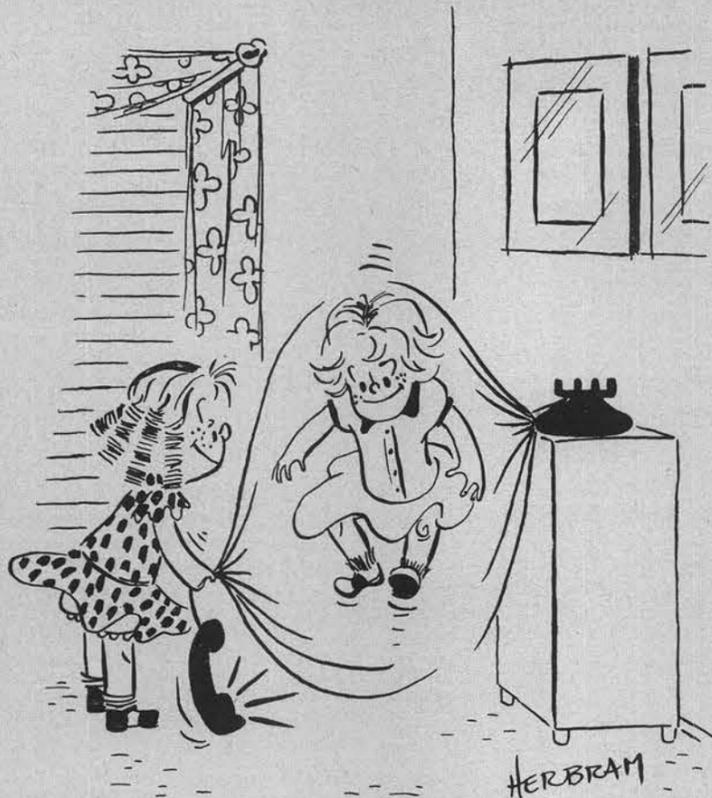
Team	Won	Lost
1. Zircons	16	4
2. Emeralds	16	4
3. Onyx	13	7
4. Turquoise	10	10
5. Jades	10	10
6. Sapphires	7	13
7. Diamonds	4	16
8. Garnets	4	16

Team and Individual

High team series: Zircons, 2157.
High team game: Zircons, 758.
Individual high series: Hainten, 514.
Individual high game: Fauerbach, 229.

Top 10 Averages

Butler, Fauerbach 157, Sensel 148, Hainten 144, Burg 140, Muchowski 139, Pumphrey 138, Masak 136, Taylor 133, Bradley 132, Wallace 131.



"NUMBER, PLEASE ... NUMBER, PLEASE ..."

Classified

Classified advertising is printed in the Sandia Bulletin as a service to Sandia Corporation employees and employees of the AEC on Sandia Base. There is no charge for publishing the advertisements. They must be submitted in writing and contain the name and base telephone extension of the advertiser. Each advertisement will be run one issue. Deadline: Friday noon, one week prior to date of publication.

FOR SALE—

Norge automatic electric range, two years old, clock controlled oven, \$150. Mrs. Reese, ext. 2-6248, or Alb. 5-4288 after 5. See at 4228 Brockmont Dr., NE.

Or Trade for property: 1951 Studebaker pickup, overdrive and overload springs. Only 6,000 miles. Can finance. Santini, ext. 22142.

5-rooms of furniture, including one 3-mos. old limed oak dining room suite, undamaged 5-piece limed oak bedroom suite, other good pieces. See at 1327 Isleta Highway. Haden, Alb. 3-7240.

Ladies gold Elgin wrist watch, 17-jewel, 2 1/2 years old, \$25; Tower portable typewriter with case, used only 3 times, full sized keyboard, \$50; Ladies green cloth coat, zip-in lining, size 16, \$15; Ladies green cloth coat, black Persian lamb collar and cuffs, size 14, \$35, Fellows, 3100-37th Pl., Base, or ext. 32382 or 7163.

8 genuine Wedgewood butter plates, never used, "C/c on Lavender with a Shell Edge," \$25, Hatchett, 2211 New York Ave., SW, Alb. 2-8427, 5-7, or ext. 28237, 8-5.

Child's 3-piece storm coat set—coat, slacks and hat, fit either boy or girl, size 5, red, slightly used; also table-model Silver-tone radio, Mueller, 637 Madiera Dr., SE, Alb. 6-2437.

Storkline baby buggy, converts into stroller, 2-tone grey leatherette, equipped with shopping bag, mattress, satin pillow and carriage robe, \$25; oak-finish 4-poster bedstead, \$2; boy's grey top coat, almost new, size 8, \$8; Premier vacuum cleaner, attachments, \$15; American Flyer train, accessories, \$30; pair skis, new, for 8-10 year old, \$12, Isselhard, 636 Madiera Dr., SE, Alb. 5-6431.

Easy Spindrier \$70, Wehrle, 1841 Florida St., NE.

'49 Harley-Davidson Motorcycle, "74" Overhead Valves, low mileage, sacrifice at \$395, Wright, ext. 25247 or Alb. 5-6328.

Crib and mattress, \$10; bassinette, pad and liner, \$3.50; futon, \$3; kitchen, table, enamel, \$5; Mercury or Ford grille guard, \$5; Warner trailer brake, \$5; Summer, Alb. 5-0303 or ext. 33247, 2615 Adams, NE.

Lawn mower, "Craftsman," 18-inch, ball-bearing, used only 4 times, Schaefer, 2516 Mesa Linda Dr., NE (Hoffmantown), ext. 31249.

Play pen, \$5; bassinet, \$5; car bed and other items. Also Tiny-Tot Safety table, \$15, Johnson, 1237 Lobo Pl., NE, Alb. 5-4391 after 5 or anytime Sat. or Sun.

Shopsmith (1-yr.-old) \$170, Callahan, ext. 5150, or Alb. 2-4126.

BC-348 Receiver, Roane, ext. 31262 or Alb. 3-5429.

Child's wardrobe, Kroll brand, 4-drawers and compartment with built-in hangers, light maple finish, 40" high, 38" length, 16" depth, \$25, Blythe, 4770 Southern Ave., SE, or Alb. 6-0461.

.22 Automatic "Ruger" pistol, 4" barrel with holster, \$25; Benjamin Air pistol, shoots .22 caliber pellets, \$15, both almost new. Allen, 8110 Roma Ave., NE.

Poker set, table and 8 chairs, cost \$96.50 new, will sell for \$75; 2 McClellan army type saddles, \$10 each or both for \$15; mahogany octagonal table, \$10; oval-type glass top coffee table, \$5; Electric Heater, 125V-1320W, AC or DC, \$10, Brown, 3238-B "A" St., ext. 31195.

Montgomery Ward washing machine with pump, \$35, Sander, ext. 33138, or see at 2706 Mesa Linda Dr. (Hoffmantown).

Silvertone television, cost \$375 last spring, will sell for \$250. Also Remington .257 rifle, recoil pad, receiver sight, 99 cartridges, \$95, 1950 Servi-cycle, almost new, \$150, Jolliffe, Alb. 5-0506.

Collie pups, "choice of litter," AKC registered, 5-months-old females, distemper immunized, housebroken, \$50. Can be seen at 3089-38th Place, Base, Perret.

Unused Webster Chicago tape recorder, Model 210, \$150, Krogdahl, ext. 23193.

2-bedroom house with all facilities and 20 acres of farming land in Bernalillo. DeBaca, ext. 33236 or Alb. 4-0153 after 6.

Large size Frigidaire (11 1/2 cu. ft.) 1950 model, 40-year warranty, \$175; 2 old-fashioned ice cream chairs, \$5 ea.; 8' walnut stained pine table, \$20; Mexican tin mirror, \$8, Flanders, 1010 Gold, SW, Alb. 2-2578.

Airplane, Taylorcraft BC-120, 1946 Model, R & H, 370 hours on engine, \$650 cash, Lindsay, ext. 7148, or Alb. 5-7889.

"Octagone" water injector for automobile, complete with supply tank. See at Ridgecrest Auto Service, 722 So. San Mateo, Bentz, ext. 31260.

'49 Pontiac 4-door, just overhauled, \$1395, Stewart, Alb. 6-3976, or see at 504 Arizona St., SE.

4-power telescope and mounting for rifle. Baca, Alb. 2-5955.

'47 Nash 4-door "600", R and H, \$350 down and take over monthly payments, Call Murray, ext. 27259 or after 5, ext. 21146.

Muskrat fur coat, size 14. May be seen at 1930 Truman St., NE, after 6. Ives, ext. 29241.

Book of Knowledge, including 4 annuals, \$75, Lignori, Alb. 6-3613.

'48 Pontiac Tudor, hydromatic, R & H, \$1100, Locke, Alb. 3-1572, 8-5.

Cocker Spaniel puppies, exceptionally nice reds and blonds, 7-wks. old, AKC registered. Reynolds, ext. 22236 or Alb. 5-9335 after 5:30.

Kardon (Leica), F:2 lens, carrying case, Leitz F4:5 5-inch telephoto lens, \$325, Scharpen, ext. 26166.

7-ft. skis and safety bindings, aluminum poles, \$20; also car rack for 8 skis, \$5; wardrobe trunk, \$2, Gagliardi, ext. 23240, 1828 Dakota, NE.

1947 Plymouth Deluxe, 4 dr., R and H, new recaps, \$725, Rogers, 3227-D 34th St., Base, ext. 2-2194 after 5.

3-bedroom home, 1 and 3/4 baths, carpet, lawn front and back, walled back yard and patio, air conditioned, immediate possession. See and make offer, Capple, 2530 Gen. Arnold St., NE, (Hoffmantown) or ext. 4151.

Coit single action army .45 caliber 4 1/2" barrel, extra 5 1/2" barrel, 90 shells, genuine stag horn grips, blued, good action, \$100, Finders, ext. 26258.

'42 Buick Sedanet, R and H, seat covers, good tires, \$450, Pietze, 8507 Flower Place (Hoffmantown).

RIDE WANTED—

1800 block E. Coal, to Bldg. 832, Delores Gilroy, ext. 26148.

Ride or car pool from Candelaria Road and Rio Grande Blvd., to Adm. Bldg. Galbreath, ext. 7245 or Alb. 6-3126.

Rio Grande Blvd., vicinity Indian School Road to Gate 4 or Adm. Bldg. Mrs. Ruby Meek, ext. 2-4154.

Corner Las Lomas and Stanford Ave., NE, to Adm. Bldg., LaRue Baggett, ext. 7213.

Vicinity 700 S. Edith to Tech. area gate 4 or 5; Hours, 8-5. D. Ross, ext. 29140 or Alb. 2-8464.

3404 Ross Ave. to North Tech area or vicinity, Cleo Smith, ext. 29140.

To North Tech. area gate No. 5 from 1907 N. Palomas or vicinity. Mrs. Cook, Alb. 6-3637 after 5.

Want to form car pool from San Mateo and Lomas Blvd., NE. Floyd Philgreen, ext. 7165.

Want to join or form a car pool from vicinity of 1500 San Mateo, NE, to south or east parking lot. E. W. Shepherd, ext. 25254.

Join car pool or ride, 3500 Block Anderson, SE, to 860 parking area. Hazel Hull, ext. 22139 or Alb. 6-1970 eves.

To join or form car pool from Bel Air, Norman J. Elliott, 2635 Quincy St., NE, Alb. 6-2019, or ext. 21258 (leave message).

Ride wanted or join car pool from 3034 Manzano, NE, or vicinity. 8-5. Mitchell, ext. 24169.

Sandians Take Part In Southwestern Folk Festival

The Sandia Choristers are scheduled to take part in the Southwest Folk Festival at the Albuquerque Ice Arena Nov. 18, 19, and 20, according to Terry Riggan, 1243-1, Chorister's director.

The singers will present a repertoire of French, Irish, Canadian and Western folk songs. The latter two especially arranged by Terry. About 30 people, many of them Sandians, will participate in Chorister's sing and all will appear in colorful western dress.

Meanwhile talented Sandians are still being sought to contribute to the Festival program. Included in the 3-day celebration will be all types of folk songs, dances, legends, and customs. Participants will come from all over New Mexico as well as from neighboring states.

Those interested have been asked to contact Sarah Knott, Festival Director, at Alb. 7-8169.

Menu: Antelope Steak

Hunting alone in his jeep, John Gunn, 1312, bagged an antelope the second morning of the season. Dressed out, the animal weighed 79 pounds. Its destination: John's deep freeze.

Employees Basketball Teams Will Be Organized For Sandia League Play

Opening date of the 1952-53 Sandia Employees' basketball season will be November 17, it was announced this week by Joe Hickey of Employee Services. Deadline for entering teams in the league is November 11. Persons or organizations desiring to enter teams in the league are requested to contact Dick Heim, ext. 29157 on or before the deadline date.

Until both gymnasiums on Sandia Base are in use for basketball games, the Sandia Employees' League will play only one evening a week. At the present time, the old gymnasium is being used as a school building pending the completion of the new school near the Wherry housing area.

Because of the limited use of the gym the Sandia Employees' league will be limited to eight teams. First priority will be given to those teams and players who participated in the 1951-52 season. Admission of other teams will be on a first come, first served basis.

Individuals who wish to play basketball this year and who are not associated with an organized team may contact Dick Heim at ext. 29157. Players will be placed on one of the teams as soon as possible. The only qualification for partici-

pating in the Sandia Employees' league is that the player be an employee of Sandia Corporation or Sandia Base AEC.

A meeting of managers will be held on Thursday, Nov. 13, at 10 a.m. in the Employee Services Office, Bldg. T-301. At this meeting a president of the league will be elected and rules governing this year's basketball season will be discussed.

Further information concerning basketball may be obtained by phoning Dick Heim.

ISA Meeting at University Thursday

Members of the Instrument Society of America will hear Mr. A. I. Dranetz, chief engineer of the Gulton Manufacturing Corp., Metuchen, N.J., talk on "Barium Titinate Characteristics," when the group meets Thursday, Nov. 13, at the University of New Mexico's Mitchell Hall, room 102, 7:30 p.m.

Mr. Dranetz is the author of several papers on the use of barium titinate in accelerometers and in condensers. Refreshments will be served and President J. L. Hollenbeck, 1532-2, will preside.

Two Sandia Hunters Bag Game in Special Archer Deer Season

One hundred and fourteen tired hunters trekked out of the Pecos Watershed recently without having fired a shell. They all hunted with bows and arrows. Sixteen deer were bagged by the hunt participants and 90 per cent of the men who got deer were members of the New Mexico Field Archers Association.

Jack Suttman, 2463, and Frank Treon, 2452, were the two Sandians who shot deer, but Jack was luckier

than Frank. Frank hit his deer square in the neck and then had to track the wounded animal two miles. Darkness forced him to give up tracking that night and when he came back the next morning he found the deer lying dead in a ravine. It had lain there all night and the meat was spoiled so all Frank got out of the hunt was a pair of tired legs and a fine deer head.

Jack was luckier. His shot killed the deer right away, in fact it penetrated approximately halfway through its body. It took him three days of hunting, but he came out with 125 pounds of venison steak.

Among those who helped out at the hunt were Ed Amonette, 5225-2, and his wife. They worked at the Game Commission Checking Station helping to determine whether proper equipment was being used by the hunters.



CAMPING during the bow and arrow hunt are Frank Treon, 2452, (left) and Terry Clark, 2463. Frank killed his deer but the animal ran two miles before it fell. Darkness forced Frank to return the next day only to find that the meat had spoiled overnight.



READY TO START—four of the 114 archers who participated in the bow and arrow hunt are shown at Grass Mountain in the Pecos area. L to R: Gene Bussey, 5225-2, Harry Grahs of Albuquerque, Walter Dearie, Sandia Base, and Ed Kobiela, 1312.

MISCELLANEOUS —

Will care for little girl in my home. Prefer age 3 to 5. Mrs. Stewart, 500 or 501 Arizona, SE.

WANTED—

Good home for one or all of our 4 part-angora kittens, Hemm, 631 Bledsoe Rd. (off North 4th St.).

110-Volt gasoline powered generator, small compact unit desired, Stewart, ext. 31256.

35 mm. camera, projector and screen. Kodak, Alb. 5-9230.

FOR RENT—

Unfurnished 2-bedroom home, vacant Nov. 15, 4600 Block Pershing Dr., near Highland high school, \$75 mo., water paid. Eagan, Alb. 5-6820.

RIDERS WANTED—

To Phoenix and return, share expenses. Either week end of Nov. 8 or 15. Return late Sunday. Scharpen, ext. 26166 or Alb. 2-3296.

Riders to join car pool from vicinity of 56th Street and Vista Grande Dr., NW, (West Mesa), Corporation hours. R. T. West, ext. 24254.

Car-pool partner wanted. Vicinity Whittier school. Park on west side. Sherwin, ext. 26150.

LOST—

Miniature torpedo and naval ordnance award pin. Helen Hakes, ext. 5248.



A HUNTER AND HIS HOUND pose for Louis T. Chavez, 2463, with the deer shot on the recent bow and arrow hunt at Cowles Game Refuge in the Pecos Watershed. Jack Suttman, 2463, bagged this 125 pound deer after three days of hunting. His arrow penetrated half way through the animal.