

# SANDIA BULLETIN

Vol. 4, No. 3

SANDIA CORPORATION, ALBUQUERQUE, N. M.

Feb. 1, 1952



DICK STROME, 2463, PLACES THE FINISHING TOUCHES on the Sandia Corporation-AEC exhibit at the recent government services show in Albuquerque. Another portion of the Sandia-AEC display showed the organization chart of the Atomic Energy Commission in relation to the Santa Fe Operations Office and Sandia Corporation. Several hundred interested spectators visited the booth and saw two motion pictures, *Backyard Bikini* and *Operation Sandstone*. The film, *Backyard Bikini*, was produced and filmed by Section 2465.

## Prospective Blood Donors Far Exceed Quota; Unit Plans To Return In July

The response to our call for blood donors for the Armed Forces was so overwhelming that less than half the volunteers could be accommodated yesterday. More than 800 employees turned in pledge cards. Consequently, plans have been made for the Red Cross Mobile Unit to visit Sandia again in July, and those who had to be turned down will be placed at the top of the list at that time.

The Employee Services Department sorted the cards into alphabetical groups and then removed a certain quantity at random from each group to reduce the total to 450 for scheduling purposes. It was expected that at least 300 donors would be selected from that number of volunteers after brief physical examinations at the old gymnasium where the 14-station unit was set up.

Sandia Corporation employees who so generously and patriotically volunteered to give blood were praised this week by the local Red Cross and the

Mobile Unit personnel who expressed regret that they could not hold the unit over to accommodate everyone who offered to donate.

The unit is based in Tucson, Ariz., and has to cover several states on a tight time schedule. Each evening the personnel of the team work long hours getting the equipment cleaned up, blood labeled and packed, and preparing for the next day.

## Al Gruer Talks to Instrument Society

"Unit Digitizing: A New Telemetering System," will be the subject of a talk to be given by Al Gruer, 1625, at the Monday meeting of the Instrument Society of America.

The group will convene at Mitchell Hall, Room 102, University of New Mexico, at 8 p. m. Prior to this meeting, executive officers and interested members will have dinner at the Coronado Club at 6:30 p. m.

## Get Your New Base Auto Tag Before March 31 Deadline

A special service to help Sandia Corporation employees secure base decals for automobiles has been arranged this year. During the week of Feb. 18-23 there will be a special team of clerks from the Provost Marshal's office issuing stickers in the Corporation area. The present decals expire Mar. 31.

A Bulletin is being issued giving details of the arrangements. Here are a few essential facts which will be of interest to those who wish to bring cars onto the base:

The team issuing the tags will be in a different location each day they are in the area. The Sandia Corporation News Bulletin will designate the locations.

Each person applying for a tag must bring the following with him: Automobile insurance policy or last receipt, 1952 registration certificate, a valid drivers license and Sandia Base I. D. card. A fee of five cents is charged for each decal.

Each applicant must fill out two cards provided by the Provost Marshal's office. These will be available in advance from supervisors.

This year only one "decal" will be issued for each car and it will be placed in the lower left hand corner of the front windshield.

## Sandian in Korean War with Marines—Company News Relieves Boredom

Norman Keesling, a Sandian on military leave, is seeing duty with the First Marine Division in Korea. Norman writes the Bulletin of his experiences with the famous fighting unit which has a history which includes battles on Guadalcanal, Peleliu, Okinawa, Finschhafen and Cape Gloucester in the last war.

He writes, "Thus far this winter Korea has been quite mild, but it is only January and there is plenty of winter left . . . I am situated in an outfit about six miles south of the 'Punch Bowl' in the Pyong Chon valley. Since I've been here there hasn't been any trouble except with the enemy jets coming near our position . . . The guerilla harrassment is at a standstill and their attacks are very few . . . We have the South Koreans working right along with our troops . . . They are crack fighting outfits in any man's language . . . I enjoy your paper very much and it helps break the monotony by hearing of the goings on around Sandia Base."

And to Norman, who finds the news of his co-workers relieves the monotony of the Marines' fight with the enemy, we all send our best wishes.

## Citations Go to Sandians for '51 Red Feather Work

George A. Landry, President of Sandia Corporation, has been elected director of the 1952 Community Chest in Albuquerque and he and other Sandians have received citations for meritorious service in the 1951 campaign.

The citations went to members of the 1951 committee, including R. P. Petersen, 5100; E. J. Cooney, 4100; Frank Dewey, 200; C. W. Eggert, 2414; J. W. Gray, 4140; R. M. Hawk, 4215; L. J. Heilman, 2400; J. K. Merillat, 3122-1; Sybil Milligan, AEC; T. B. Sherwin, 3125; and, F. B. Smith, 3000.

Announcement of the awards was made by Tom L. Popejoy, retiring president of the Community Chest organization in Albuquerque, at a recent dinner meeting. At the meeting he announced that within a few days the Chest's goal of \$198,882 would be met. Of this amount, Sandia Corporation and its employees gave \$20,640.60, or over 10 per cent of the total raised in Albuquerque.

## Tax Guide Booklet Is Popular with Sandians

Have you picked up your copy of the Income Tax Guide and Work Sheet? If not, you'll be wise to stop by the nearest booklet rack and help yourself, as the supply is almost exhausted.

"That booklet saved me \$46," one employee was overheard to remark. Another commented that he found out by reading the booklet that he had a \$17 social security credit which he could apply toward his income tax.

New on the racks is the interesting booklet "Western Electric's Job In National Defense." You'll want to save a copy because the Sandia project is included.

Next week's selection is a booklet called "Emergency Action To Save Lives." It is an official booklet prepared by the Civil Defense Administration. The booklet is designed to give some life saving tips to untrained persons who may be confronted by emergency situations. It could happen to you. Get your copy and see whether you'd know what to do in the situations mentioned.

## Sandians Experiment with Electronic Means of Counting White Blood Cells

A machine has been developed by three Sandians which it is hoped will permit examination of a large number of blood specimens in a minimum of time to give an automatic white cell count. The electronic device has been installed in the biophysics laboratory of Dr. F. G. Hirsch, Corporation Medical Director, and experimental work is being carried on there.

Responsible for the planning and building of the mechanism are Tom L. Wallace, 1133, and Howard L. Sander and John M. Harding, both 1111. For many months these three men have been working on the experiment with Dr. Hirsch.

The operation of the device is based on commercially available electronic equipment which can detect and count light impulses automatically. There are also a number of commercial dye stuffs which are being used in the experiment. These dyes glow under ultra-violet light but not under ordinary visible light.

At the present time these men are searching for a dye which is absorbed by the white blood cells. The blood sample is to be placed in the machine under a source of ultra-violet light and the white or "counted" cells will glow. This glow can be detected by an electronic "eye" and registered and results will show on a meter or other recording device. Thus, if the machine proves successful a mechanical device will be available which will make white blood cell counts almost automatically and with much greater speed than it is now possible to obtain. An added advantage is that little specific skill or training is required to operate the device.

The machine could be especially valuable in case of widespread exposure to atomic radiation. The changes which occur in a person exposed to radiation first show up in the number of white blood cells. It is important that those who have been exposed be treated quickly. The machine now under experiment could do much toward reaching the desired goal of rapid mass-testing.

## Hearts and Flowers Formal Is Highlight Of February Calendar

A special Valentine's formal dance will be held at the Coronado Club Saturday, Feb. 16, according to Entertainment Chairman Jack Merillat. A shipment of fresh and fragrant gardenias is being flown in from Hollywood especially for this occasion. The corsages will be presented free to the first 200 ladies to arrive at the Club. The ballroom will be attractively decorated for the occasion and a record turnout is anticipated.

Square dancers will hold a special dance at the Club this evening honoring the nearly 100 new dancers who recently completed their instruction course. The Duke City Cowboys will provide the music and refreshments will be served at the close of the evening.

Last Saturday night's fried chicken buffet drew such an unexpectedly large crowd that the entertainment committee looks forward to scheduling a similar function in the near future. Nearly 400 people attended the dinner and dance.

Dine and dance patrons will want to make a note of the two Sunday buffets scheduled for February. This coming Sunday, Feb. 3, is the first date and the second will be Feb. 24. As usual, Johnny Laughlin's orchestra will play and the price remains the same, \$1.75 per person for members.

Ballroom dance instruction is being resumed Feb. 19 in response to popular request. The first lesson will be instruction in basic rhumba and foxtrot steps and the second lesson, Feb. 26, will include the waltz as well as the rhumba and foxtrot.

## More Singers Are Needed by Group

Mrs. Marion Spengeman, secretary of the Sandia Choisters, has again issued a call for voices to fill out the ranks of the choral group. Interested persons may attend any of the regular meetings held on Thursdays, 7:45 p. m., at the Coronado Club.

## Non-Credit Course Registration at "U" Begins Monday, Feb. 4

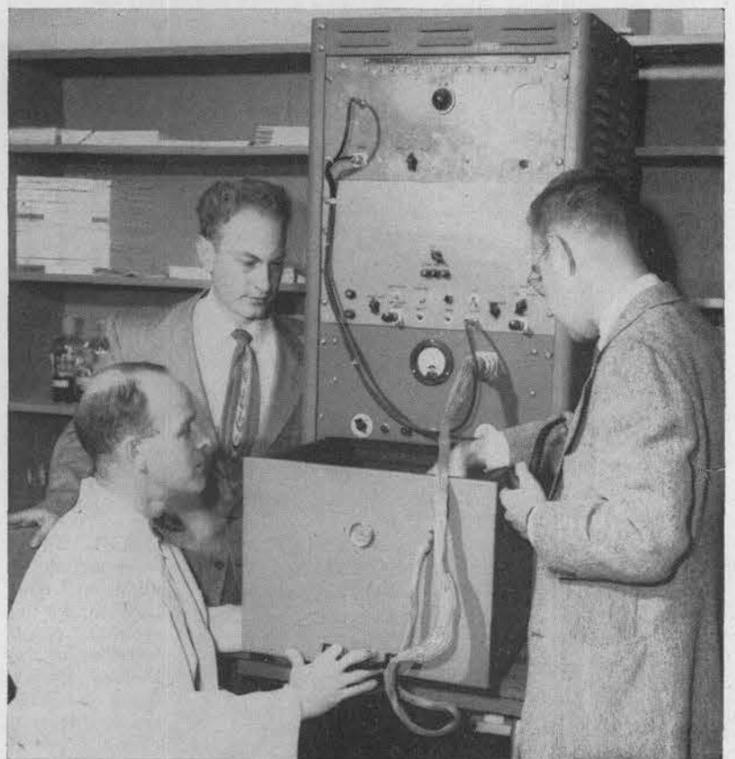
Registration for Community Evening College courses at the University of New Mexico begins Monday, Feb. 4, in Hodgkin Hall on the campus. Forty classes are offered in various subjects and fees range from \$7 to \$20.

Catalogues giving details of the course are available in the Employee Services office in Bldg. T-301.

For further information concerning these non-credit courses call 7-8861 ext. 353, Division of Extension and Adult Education.

## Little Theater Tryouts

Tryouts for the next Sandia Base Little Theater play will be Feb. 4 and 5 at the old base theater from 7:30 to 10 p.m. Everyone interested is urged to attend. The new play, "Ladies in Retirement," is a psychological mystery thriller and will be directed by Kim Morley.



DISCUSSING ELECTRONICS operation of their experimental white blood cell counting machine are Dr. F. G. Hirsch, Corporation Medical Director, and Howard L. Sander and John M. Harding, both 1111. A device which can run rapid tests on large numbers of people is the goal of the men who designed this apparatus.

# SANDIA BULLETIN

Friday, February 1, 1952

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

Robert S. Gillespie, Editor

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Telephone Ext. 25253



## Your Part in Security

Are we all shouldering our part in the responsibility for maintaining security? The task of safeguarding the nation's defense industries rests heavily on the shoulders of every loyal American citizen, and especially upon the employees of such industries.

Each employee of Sandia Corporation should be security conscious. It is every employee's duty to protect the vital information with which he has been entrusted to perform his job. The technical information you have may seem to be of little consequence, but pieced together with the knowledge of many other employees it becomes of major importance.

Maintaining physical security at Sandia Corporation is the responsibility of the Plant Security Department. This department, through its corps of highly trained security guards, can help protect our installation from sabotage, espionage, and other subversive activities, but these guards cannot be with you 24 hours a day. They cannot be on hand always to caution you to censor your conversation.

Your responsibility for maintaining security rests entirely with you. Only you can control what you say. You alone are the custodian of the classified information that your brain has recorded. Have you ever been guilty of discussing with another employee classified information not required in the performance of his job?

We cannot assume that existing security practices make our defense efforts immune to the possibility of treacherous betrayal or careless compromise. Success of security cannot be taken as a matter of course. Sandia employees cannot delegate the entire responsibility to Plant Security Department, the AEC Security Branch, the F.B.I. Our uniformed security guards serve as a continuous reminder of our security obligations. Let's not shirk our duty.

### The Inquiring Reporter Asks—

## Should Husbands Help Wives at Home?

JOHN PARKER, 1622. I don't want to make any enemies among my friends, but I frankly think a husband should help with the housework. With the heavy housework, that is. I help the wife with the seasonal house cleanings and with any other chores that require muscle, but when it comes to regular dishwashing and bed making—that's up to her and my two kids.



JANE ROWLEY, 4152-3. I like housework. I wouldn't want or need any help other than maybe a hand with a piece of furniture that was just too heavy to lift. As far as the regular household duties go, however, I really enjoy doing them by myself. Even when I was a child I used to love helping my mother clean the house.



CECIL O. BISHOP, 2452. Definitely not! Women spend most of their time jawing about how tough it is to keep a house clean. Actually they go right back to bed after sending the old man off to work, wake up in time to get ready for bridge and then around 5 o'clock they realize the meal ticket's coming home so they rush through the place with a dust cloth and then spend the night telling how they slaved.



NORMA WIGAL, AEC. I've only been married a few months, but my husband and I have already arranged the housework problem. He cooks a spaghetti dinner every Tuesday night because I have an art class that night. Ordinarily I do most of the routine housework, but my husband attends the University of New Mexico and sometimes when he gets home before I do he straightens out things around the house.



ROBERT D. BECKER, 2123-3a. If the wife works I think the husband should help, but if the wife doesn't work I don't think he should help. My wife doesn't work so I can afford to say that. Besides we've divided the labor in our house. My two sons, 8 and 5-years-old, and I keep the garage and car clean. My wife does the rest.



ELDEAN F. WAUGH, 2463. We've got an electric dish and clothes washer so I don't have to worry about that part of housekeeping. My husband, Carlisle, works in 2114-3 and we live in an efficiency apartment on the base. We both do leathercraft work and painting in our spare time so the one who's not busy does what little housework we have.



## AROUND THE DEPARTMENTS

The cold bug has been at work among the personnel of 2461-2. Mary Dunaway, Mary Wallace and Kay Beard were among those who were sick for a few days.

Art Machen, 1710, just spent a week's vacation the same place he spends most of his time—his ranch home in Alameda.

A fractured elbow is what Pat Stack, 4135, ended up with when she tangled with a cement sidewalk. Her fellow workers send her best wishes for a speedy recovery.

"It may not be fancy but it shore is loud," comments Crystal Brooks, 4135. Crystal is the proud owner of a brand new (?) 1933 Plymouth.

There's a new Oldsmobile in 4133. Liz Foley is the lucky owner.

Organization 1240 welcomes Mary Williams as secretary to E. H. Draper. Mary transferred from 2121.

Margaret Reese, 3160, has been forced to take a leave of absence because of illness.

Everyone in 4130 is glad to hear that Esther Southern's teen-age son is better. The boy was injured in a car wreck.

Congratulations to Orlando Uivarri, 3222. There's a new baby girl at his house.

Personnel in 2541 wish Clem Toft a speedy recovery from his knee injury.

Ida Phillips is now in 1330 as secretary to Jack Howard. Ida transferred from 1112.

There has been quite a sick list in 2470. Alfredo Fernandez and Alfred Montoya are back after short illnesses and Elmer Templeton is back on the job after three weeks' absence. Elmer was sick with Malta Fever.

Henry Clay, 2470, is back from his vacation in San Francisco. He says he had a wonderful time in spite of the floods.

New secretary to C. H. DeSelm, 1310, is Kay Hunt. Kay transferred from 1213.

The Jan. 14 arrival in the J. M. Phillips, 2533, family weighed 6 lbs. 4 oz. The baby girl was named Judith Gail.

Mary Helen Sharkey, 2230, is entertaining her sister-in-law, Mrs. Frances Tomlinson, from Massachusetts.

Congratulations to Philip Mentz, 2533, on his engagement. Feb. 23 Philip is going to marry Margaret Moore who is attending the University of Alabama. Philip graduated from the same school last August.

Everyone in 2534 is glad to see Rosalie Gallegos back at work after the Dec. 6 birth of her baby.

There's a new sister for David Scott in the home of Walter Scott, 2440. The new member of the family is named Laura Lou.

A buffet luncheon was held in Bldg. 818 Jan. 25 in honor of Carol Cremean, bride-to-be in 3160. An electric toaster was presented to Carol for a wedding gift.

James Mafit, 2440, spent his vacation at home helping his wife with their two-week-old baby, Ronald Delmont. In spare moments Jim built some shelves and bookcases.

The "flu" germ has been busy in 2462. It kept Mary Sparger, Dean Heath, and Pete McKenna at home for a few days.

Helen Russo, 1220, is back on the job after spending several days at home with a bad knee.

The car just wasn't where she had parked it when she came out of the movies, according to Barbara Hegge, 3150. Two hours later the police returned it—after chasing two young boys who had started it with a piece of tin foil in the ignition system and driven away. Barbara is still recovering from the shock.

Molly Nason, 3152, has her mother, Mrs. Rock L. Comstock, visiting her from Weeks, La.

There is a new home owner in 2140. George Cromie now lives at 603 Green Valley Road. He says he's getting his bills at various other addresses but hopes everything will be back to normal before long.

"May I borrow a match, please?" If you ask this often enough and if you have the right friends you may be as lucky as Charlie Allen, 2461-2. Charlie borrowed and borrowed until some of the girls chipped in on a brand new Ronson lighter—just for her.

It's not long now until Bill Baker, 1281, will be a married man. Bill is marrying Laura Mae Cullen in Austin, Tex., tomorrow. Austin is the home town of Bill and Laura but they will live here in Albuquerque.

There was a surprise baby shower in 2461-2 Jan. 14 for Gene Hulette. Mexican dinners were ordered sent to the office and the lunch hour was turned into a gala affair. A very thrilled Gene received many gifts.

Section 2461-2 welcomes Renée Foster. Renée is a transfer from 2460.

Jan. 20 was a big day in the household of Richard Jones, 1112. Dick became the proud father of an eight-pound boy. The child was christened Daniel Thomas.

Mumps have been keeping Jack Miller, 2221-1, at home. Several of his fellow workers visited the doctor for shots—just to make sure that they hadn't caught the bug.

Fredrick III is a brand new member of Fred Meacham's, 2221-2, household. Congratulations, Fred! The baby was born Jan. 18.

The girls in 2222 surprised Norma Dunning Taylor with a bridal shower at her home Jan. 22. Norma received all kinds of nice practical gifts.

"It wasn't that I'm such a good hunter but the fact that there were so many deer," modestly exclaimed Frank Means, AEC, after bagging his deer during the special hunting season in the Organ mountains. It seems there were 300 permits issued but only 185 hunters registered. Of this number 145 got their deer.

A twisted knee hasn't kept Esther Leach, AEC, from working but she is limping around on the job. Esther says she "just didn't quite make the turn" while she was skiing on the Santa Fe ski run.

Peggy Henrie, AEC, has been enjoying a visit from her son, Jimmie, who is home for a few days from New Mexico A & M College.

It was 35 degrees below zero when she arrived in Canada, says Teresa Sullivan, AEC, of her recent trip to Vermillion in the province of Alberta. Brrr!

It's across the country for R. B. Powell, 3150. He is attending five Bell System College Recruiting Conferences.

The welcome mat is out in 4153-2 for Miriam Furches. Miriam is back in her old organization after an absence of about a year.

Walt Hook, 1713, has done it again! Walt has won another art prize, making his seventh national prize in the past two years. This time it was in a water color show in St. Augustine, Fla. The painting, "Fresh Scratch," won a \$25 award.

Division 2452 is going to have one less bachelor come Apr. 12. Charles Rood is going to marry Virginia Tracy, a former Albuquerque girl who is now living in Glendale, Calif.

Congratulations to Ed Swanson, paymaster in 3221. Ed is the papa of a new girl.

The Barncoods—Marguerite, 3160, and Charles, 1231, have purchased a new three-bedroom house at 305 S. Amherst. It has a full basement that they hope to convert to a playroom later.

Roy Lambert, 1520, spent his two weeks vacation in Lexington, Ky. While there, he visited friends and the "old school."

There is a new son in the home of Edwin Clark, 1121. His name—Brian Haniel Clark.

## SALTON SEA NEWS

More than 70 people at Salton Sea enjoyed an illustrated talk by Charles J. Hoepfel recently. Mr. Hoepfel, who is with the U. S. Coast and Geodetic Survey party presently stationed on the base, showed his personal collection of colored slides of scenes taken during his travels in Alaska, Hawaii, Canada and parts of the United States. After the talk, Mr. Hoepfel was honored with a surprise birthday anniversary celebration.

Mrs. Edythe Rosenberger is staying at San Felipe Lodge for an extended visit with her husband, Karl.

## New Employees

A welcome is extended to the following new employees who started work for Sandia Corporation between Jan. 11 and Jan. 24.

Name	Organization
William J. Daly	1231
Arthur J. Mattila	1241
Robert D. Wehrle	1293
Edwin F. Johnson	1512
Elzie A. Greene	1512
Fred G. Minuth	1524
Hazel Ruth Miller	1543
William R. Moore	1614
Glyna K. Schmidt	1642
John F. McElhinney	1810
George O. Thorne	1912
Francis C. Hempen	1916
Edith Page	1924
Vicky Bercharlie	1924
Arnold C. Lamb	1931
Wallace A. Hansen	1951
John J. Flanigan	1951
Thomas A. Reinhardt	2112
Vernetta L. Bradley	2121
Warren C. Tandy	2122
Daniel M. Hurford	2123
Howard Zimmerman, Jr.	2123
Cecil Wallace	2123
Francis J. Prendergast	2124
Altman Jones	2124
Lee L. Hofer	2125
Estella T. Baca	2141
Dale S. Cone	2141
Charlotte C. Smith	2222
Joseph C. Torres	2223
Florence M. Smythe	2231
Elliott W. Harris	2232
Helen L. Moulder	2232
John C. DeBaca	2232
Arthur J. Bailey	2232
Henry T. Flowers	2234
Jerry F. Dusek	2243
Ruth C. Koons	2334
Robert B. Pearce	2334
Lamar D. Treadwell	2351
Joseph Paruta	2352
George H. Lester	2414
Lorenzo Garcia	2415
Candelario Garcia	2415
Clarence Meister	2422
Patricia Fowler	2423
Benjamin F. Griggs	2432
Vincent A. O'Hern	2432
Dora F. Redman	2461
Frank J. Conrad	2461
Dan L. Buntun	2461
Gene W. Oswald	2463
Guine Robinson	2464
Phyllis P. Staples	2482
Thomas E. White	2483
William A. Bains	2530
Nancy Duncan	2534
Edward Bergstrom, Jr.	2534
James F. Frigg	2541
Donald E. Goodrich	2543
Ann E. Ryan	3151
Martha J. Brown	3152
Elizabeth D. Johnson	3153
Evelyn Cole	4131
Beatrice Dusek	4135
David L. Brown	4135
Jack W. Reynolds	4152
Donald W. Reid	4152
Beulah Freeman	4152
Bonita Evelyn Deer	4222
Tony M. Gammon	4222
Roma S. Gents	4222
Sharon M. Eckes	4222
Anne S. King	4222
James W. McRimmon	4310

# Changes In Organization Announced; Bell Laboratories Men Join Sandia

Increased demands for research and development activity are resulting in several changes in organization of Sandia Corporation.

Effective Feb. 1, W. A. MacNair, who has been Director of Military Systems Engineering at Bell Telephone Laboratories and who has made major contributions while serving as a consultant to Sandia comes to Sandia on a full-time basis and will share a part of the work which formerly has been under the direction of R. E. Poole. Mr. MacNair will be Director of the newly formed Sandia Corporation Organization 5000, Systems Research. Mr. Poole remains as Director of Development, Organization 1000.

Mr. Poole will continue to report to D. A. Quarles, Vice-President of the Bell Telephone Laboratories, as will Mr. MacNair in his new assignment. As a result of the stepped-up activity at Sandia Mr. Quarles will spend an appreciable amount of his time here.

R. P. Petersen, 5100, and G. A. Fowler, 5200, report to Mr. MacNair as do two new directors, F. J. Given, 5300, and L. G. Abraham, 5400, both of whom are coming to Sandia Corporation on leave from Bell Telephone Laboratories.

Reporting to Mr. Poole are R. W. Henderson, 1200; L. A. Hopkins, 1300; L. J. Paddison, 1500; and H. J. Wallis, 1900.

## Leonard G. Abraham

Leonard G. Abraham joined the American Telephone and Telegraph Company shortly after receiving his M. S. degree in 1923 from the University of Illinois. In 1934 Mr. Abraham transferred from the parent company to Bell Telephone Laboratories, where he became occupied with problems of transmission research and development of various circuits for long distance transmission in telephone, telephotograph and television service.

Mr. Abraham's development work included aspects of engineering planning, study of economic requirements, development of circuits, specifications of manufacture and field testing. This work took Mr. Abraham over such varied transmission techniques as those employed with open wire cable and coaxial cable. Prior to coming to Sandia he was principally concerned with coaxial telephone and television facilities and local wire television facilities.

Mr. Abraham received a bachelor of science degree in 1922 and a master of science degree the following year, both from the University of Illinois. He holds some 30 patents on transmission devices and has authored several articles on transmission aspects of various telephone or television projects. His work on developments of military value earned several cer-



Mr. Abraham

tificates of commendation during World War II.

Mr. Abraham is a member of the American Institute of Electrical Engineers, the Institute of Radio Engineers, the American Association for the Advancement of Science, and Sigma Xi, national science honorary fraternity. He served as secretary of the Wire Communications Systems Committee of the A. I. E. E. from 1948 through 1950 and has been committee chairman since 1950.

## Frederick J. Given

Frederick J. Given, Assistant Director of Transmission Apparatus Development at Bell Telephone Laboratories prior to coming to Sandia, has earned wide recognition for the notable contributions he has made to telephony during his more than 30 years with the Bell System. Most of these have involved apparatus for transmitting telephone signals; he has also worked on the development of loading and filter coils, transformers and capacitors.

Mr. Given received his Bachelor of Science degrees from Massachusetts Institute of Technology in 1918 and a similar degree from Harvard University the same year. Immediately after graduation, he entered the Signal Corps Officers Training School and was commissioned a lieutenant in the



Mr. Given

Signal Corps in 1919. Reverting to reserve status, which he maintained for some years, Mr. Given joined the Engineering Department of the Western Electric Company in 1919, as a member of the Technical Staff as supervising engineer. From 1919 through 1924, he was engaged in the development of magnetic core materials and the design of loading coils for message transmission over cables.

In 1925, when Bell Telephone Laboratories was incorporated, Mr. Given took over the job of supervising the development and design of coils, capacitors, resistors and related transmission apparatus. In 1946, as Transmission Apparatus Engineer, his responsibilities were extended to include the development of power, audio, carrier, and radio transformers.

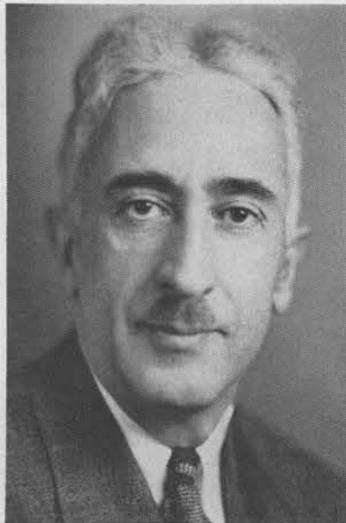
In 1948 Mr. Given was named Assistant Director of Transmission Apparatus Development, in which capacity he had charge of the work outlined above and, in addition, took over the development work that is currently being done with piezoelectric crystals.

On frequent occasions since 1942, Mr. Given has served on various government committees and panels, particularly those concerned with work for the armed forces. Mr. Given holds a number of patents and is the author of several published papers on the subjects of his special interest. One of these, which he co-authored under the title "Compressed Powdered Molybdenum Permalloy for High Quality Inductance Coils," won the American Institute of Electrical Engineers National Prize Award and was published in that association's 1940 Transactions.

Mr. Given is a member of the American Institute of Electrical Engineers and of the Institute of Radio Engineers.

## Walter A. MacNair

Walter A. MacNair, formerly Director of Military Systems Engineering at Bell Laboratories before coming to Sandia, joined Bell Laboratories in 1929 and devoted his efforts to various fields of physical research, particularly those involving problems in acoustics, switching, and, more recently, military equipment. Mr. Mac-



Mr. MacNair

Nair holds several patents and has written a number of papers in the broad areas of his interest.

Since 1941 Mr. MacNair has given much of his time and effort to various military and civilian government agencies, and has contributed to the study of fire control problems and guided missiles. Since 1949 he has been research consultant to the Sandia Corporation.

Mr. MacNair received a bachelor of science degree from Colgate University. He completed further studies at Cornell and the Michigan College of Mines. Before joining the Laboratories, Mr. MacNair was instructor in mathematics and physics at the Michigan College of Mines, assistant and associate physicist at the National Bureau of Standards and, for a short time, was with the Research Department of the Victor Talking Machine Co.

From 1937 to 1941, Mr. MacNair served as Commercial Products Engineer with Bell Laboratories and in 1941 he was named Research Physicist. In 1947 he became Assistant Director of Switching Research and in 1949 he assumed the responsibilities of Director of the same department later becoming Director of Military Systems Engineering.

The American Physical Society, the Acoustical Society of America, the Franklin Institute, and the American Association for the Advancement of Science are among the professional societies of which Mr. MacNair is a member. He is also a member of Phi Beta Kappa and Sigma Xi, national science honorary fraternity.

For his contribution in World War II, Mr. MacNair was awarded the Presidential Certificate of Merit.

# PROMOTIONS

ROBERT M. CHESNUT has been promoted to division supervisor of 1911.



He came to us in 1950 with 18 years experience in construction work as a material engineer — eight of those years spent on jobs in Venezuela, Brazil, Hawaiian Islands, and the Philippines. The other 10 years Bob worked on various projects in California. He also spent eight years as chief clerk in the engineering department of Southern California Edison Co. Bob has a B. A. degree in business administration and accounting from the University of Southern California.

JOHN F. BRYSON has been appointed supervisor of Section 2123-8.



He came to the Laboratory in 1946 after spending three years in the U. S. Navy. Before he entered the service, John worked for two years as a machinist with the Studebaker Corporation at Fort Wayne, Ind. He spent another two years prior to that as a machinist with Chrysler Corporation at Newcastle, Ind. Single so far, John, who hails from Newcastle, is living in town at present.

FRANK EWING was recently named section supervisor of 2463-1. He joined Sandia in 1946.



Before coming here Frank operated his own pumice block manufacturing concern in Roswell, N. M., for a year. He started this business upon discharge after four years Navy service. Frank also held the post of County Assessor in Estancia, N. M., for three and a half years. A graduate of the University of Kansas, Frank has a Bachelor of Fine Arts degree. He is married and has two children.

FRANK J. FEERY is the new supervisor of Section 1513-3. He started work here in 1947



after spending three years as a research assistant with the Systems Research Laboratory of Johns Hopkins University. Previously Frank served for 10 years in the Navy, most of that time as a chief radioman. While in the Navy he studied engineering at Bellevue Materiel School, Washington, D. C. Frank is married and boasts four children, two sons aged 12 and 5 and two girls 1 and 9-years-old.

KENNETH D. "SKID" SPILLER has been promoted to section supervisor of 2121-2. For a year before joining us in 1950, Skid was a graduate teaching assistant in business statistics at the University of New Mexico.



He graduated from the University with a Bachelor of Business Administration degree. He enrolled there after spending three years in the Seabees. For two and a half years before entering service he was a civil service employee at the Naval Torpedo Station, Newport, R. I. Skid is married and has a year old son.

DAVID M. REID was recently appointed supervisor of Section 2423-3. He started here last year after a year and a half with the Forest Service in Arizona.



Dave has three years experience in mining and he was a civilian employee at Oxnard Field, which is now Sandia Base, for two years. He also ran an Albuquerque filling station for six years. Born in Ayrshire, Scotland, Dave came to America at the age of 4. Today he is married and has one married daughter and another in high school here. He studied agriculture at a college in Logan, Utah.

There are four additions to Personnel Placement Division, 3152-2. **Walt Dzugan, Dick Reed and Jack Mafit** are from 3152 and **Charlie Butler** is from 2331.

Welcome to **William Meyer** to 2521. Bill is a transfer from 2460.



"Don't be silly — I didn't hear the phone ring."

## YOUR FUTURE

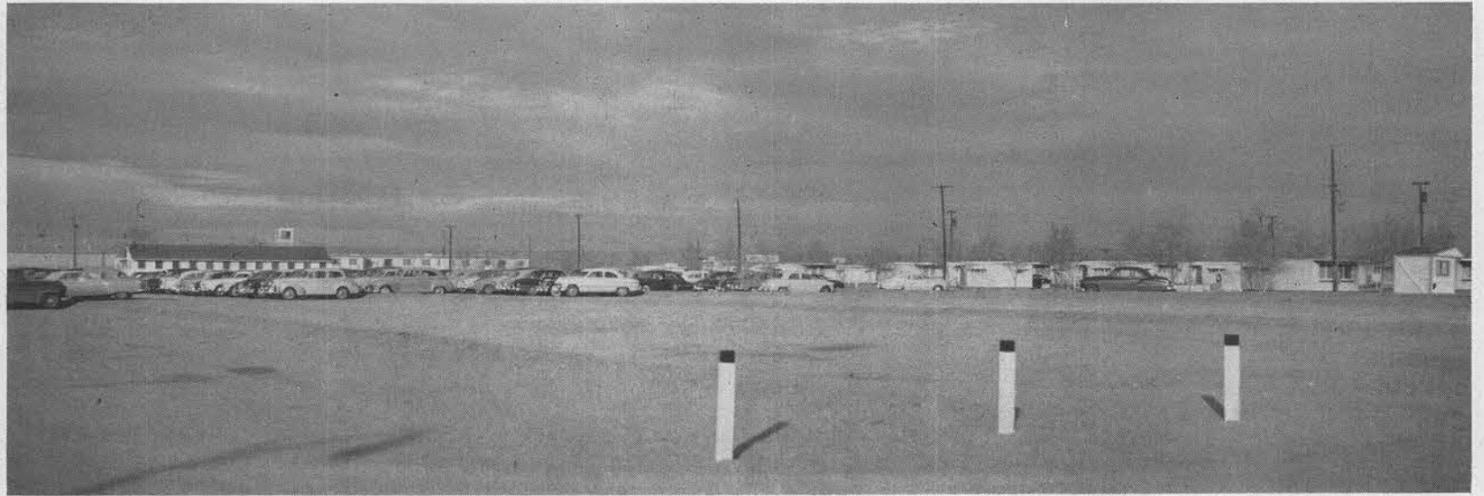
Will Be Brighter if You Participate in Your Retirement Plan

## That Parking Problem

The other morning a Bulletin reporter had difficulty finding a parking space. In an effort to see what caused the trouble he took a photographer on a tour of the parking areas between 8:30 and 9:00 a. m. The following pictures are his findings.

Two conclusions might be drawn from a study of these photographs:

1. Improper parking wastes some available parking spaces.
2. There is no shortage of parking places. Drivers may park their automobiles in designated lots—and the walk from any of these to a Tech area gate takes no more than 3 minutes.



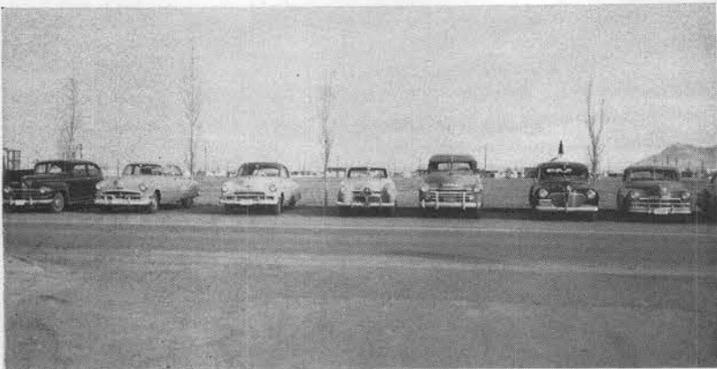
EMPTY SPACES for automobiles were found in the parking lot on the north side of the Tech area. It was only a short walk to one of the north gates. More open spaces were seen in the lot on the east side of the Tech area, near the east pedestrian and motor vehicle gate.



ITEM ONE—Space for one car was lost because somewhere up the line the driver of a car parked across the black line. The driver of the Cadillac pictured here was not to blame—he was crowded out. This picture was taken in the parking area west of Bldg. 800.



ONE MINUTE AND FORTY SECONDS of walking from the spot this picture was shot takes you to the entrance of Bldg. 802. This little-used parking lot is across the street west from the Bank of New Mexico.



MORE LOST SPACE is displayed here where these cars are parked "a country mile" apart. Closer parking of these seven cars would be safe and would provide room for two more automobiles. These cars were parked along "F" Street.

## Sandia Employees Will Have Opportunity to Help Locate Applicants for Many Positions Now Open in the Company

The steady expansion of defense industry and the resulting growth of Sandia Corporation have made new opportunities for employment in our plant. There are numerous openings for scientists and technicians, skilled and semi-skilled workers and office employees.

As the result of this need for many more qualified employees, the Employment and Personnel Department is placing increased emphasis on recruiting men and women for these positions.

We who already work at Sandia are familiar with the advantages of employment here. Free life insurance, a fine retirement plan, liberal paid vacations, a liberal sick leave policy and opportunities for qualified em-

ployees to advance, help make employment here attractive.

Also, we who are working here at Sandia are in a good position to discuss this "help wanted" situation with neighbors and friends in Albuquerque and throughout the country. Those who are looking for new job opportunities will appreciate hearing of the need for more employees at Sandia.

To help introduce such employment seekers to Sandia Corporation the Bulletin is printing an "out-of-town referral form" which may be turned in to the Employment and Personnel Department by people now working here. On this form they may write the name and address of an acquaintance, friend or relative whom they

believe to be a well qualified person.

This referral will be routed to an employment interviewer who will acknowledge its receipt with a note to the sender. The interviewer will include in the acknowledgment the action taken on the referral.

In addition to the form being printed in the Bulletin, a supply of the blanks will be given to every supervisor. Also given to all employees will be a supply of introduction cards which may be used by local people seeking employment at Sandia. This card will have blanks for the names of the persons seeking employment and also for the Sandian making the introduction. This card should be brought to the Branch Employment Office at 2933 Monte Vista Blvd. by the applicant.

## Weddings and Engagements



June Sangster



Carol Cremean



Helen Schweizer

It's wedding bells tomorrow for Carol Cremean, 3160, and Paul Kirby, 4152. They will be married at the home of her parents in Farmington. Paul and Carol announced their engagement Dec. 15, at a Christmas party given by Paul's department. They will spend a week honeymooning in Chihuahua.

The engagement of June Sangster, 4135, has been announced. She will marry Jack Stier who is from Fort Wayne, Ind. The wedding will be early in June at St. Charles church here. June and Jack are going to spend their honeymoon in his home town and then will reside in Albuquerque.

Helen Schweizer, 2222-3, will marry Pfc. Hobart Covey, Feb. 10. The wedding will be at the Sandia Base Chapel at 4 p. m. followed by a reception at the Coronado Club. Hobart is from Dayton, O., but is now stationed with the 8458th M. P. unit here on the Base. Helen is from East Orange, N. J. The couple will be at home at 404 N. Alcazar St.

Norma Dunning Taylor, 2222, married Cpl. Russ Taylor, Jan. 5. The wedding was at Norma's aunts, 7707 Don Dr. Russ, an M. P. in the 516th Service Co., is from Huntington, W. Va. Norma is from Cortez, Colo. They are now at home at 4915 E. Marquette.

Out-of-town referral \_\_\_\_\_ Date \_\_\_\_\_

TO EMPLOYMENT AND PERSONNEL DEPARTMENT, ATTENTION 3153

It is recommended that you contact the following named individual, whom I believe to be an outstanding candidate for employment with SANDIA CORPORATION:

Name \_\_\_\_\_

Street Address \_\_\_\_\_

City and State \_\_\_\_\_

Occupation \_\_\_\_\_ Education or degree \_\_\_\_\_

Do you want your name mentioned if contact is made? Yes ( ) No ( )

Referred by Name \_\_\_\_\_

S.C. Tel. Ext. \_\_\_\_\_ Division Number \_\_\_\_\_

When skiers see their snow disappearing and it's still only Fall, it's time to act promptly. These Sandians joined other winter sports fans in

## Operation Ski Run

### The Pictures

Despite the fact that Sandia skiers have helped shoulder the responsibility of financing the La Madera winter sports area they have found time to enjoy the facilities they have provided for others. Two ardent fans were caught by the Bulletin camera on the mountain snow recently. Jacque Quinn, 1810, and Cecil Page, 1951, are our subjects.



NOT ALL SKIING IS UPRIGHT Jacque reported and then went on to prove her statement with a tumble. No damage was done and the fall was taken in stride—as are all such plunges—by the hardy souls who dare the steep slopes.



AFTER THE RUN DOWN Jacque and Cecil take time to look at the scenery. And there is plenty of it. You can see many miles of New Mexico from the Sandia heights which reach up nearly 11,000 feet.



IT'S LESS THAN AN HOUR of driving from the warm sunshine of Albuquerque to the La Madera ski run. And this day Jacque and Cecil drove into the mountains, up several thousand feet, without putting chains on their car.



UP 2000 MORE FEET ON THE SKI LIFT go the skiers. It's an easy ride up and an exciting ride down on the La Madera run. To keep in contact with sportsmen on the upper levels the managers of the run use an army-style 'walkie-talkie.'

## Here's How La Madera Was Saved

Skiers are robust, outdoor-type enthusiasts and they take their sport seriously. This year these snow loving sportsmen and women in Albuquerque had a problem. The story of the situation covers a few years, but here it is in a nutshell: The City of Albuquerque owned a ski area in the Sandia Mountains about 25 miles from the heart of town. They bought the land with the aid of a federal loan, and were in danger of losing the property.

This possible loss of property was viewed with alarm by local devotees of the sport and they decided to do something about it. The Albuquerque Ski Club, many members of which are Sandia Corporation and AEC employees, shouldered the responsibility of financing the area and went to work to provide ample facilities for the winter sports area.

Today they are reporting a resounding success. Blessed by Mother Nature with abundant snow this winter, the La Madera ski run has been thronged with winter sports fans all season. It appears that La Madera is saved.

A bit reluctant to take any personal credit, members of the Ski Club point to the joint effort of the many members who have paid for membership, faithfully appeared at work to keep the area in tip-top shape and regularly met to talk over and solve the many problems confronting them.

Several Sandians are serving on the Board of Directors of the Club and one Sandian, Henry Straus, 3123, has shouldered the job of chairman of the operating committee with Bill Stamm, 2443, and Cecil Page, 1251, among those assisting him. Bill and Cecil

are also on the Board of Directors of the Club, as is Sybil Milligan, AEC, and Jay Stribling, 1951. George Farwell, 1251, is vice-president and Cecil Page also serves as treasurer. Henry Straus and Cecil, in addition to their official duties, have displayed their sports ability this winter by winning races at the run.

Other Sandia employees who are members of the Ski Club are Herb Anderson, 1951; Pat Anderson, 2224; Betsy Burd, 1951; Larry Coubrough, 1951; Marshall Korn, 1951; Bill Lawrence, 1221; Alice McGee, 2331; Marion Machenbier, 1953; Frank Murar, 1951; Edith Perry, 2464-1; Jacque Quinn, 1810; Dick Rudolph, 1615; Jeanne Shinn, 2464-1; Tommy Strome, 2112; W. D. Wing, 1521; Carlisle Waugh, 2114-3; Eldean Waugh, 1951; and Margaret Wetzel, 2464.

### Sympathy

Sympathy is extended to Vera Sutton, 2125, on the death of her husband, Earl Sutton. Mr. Sutton died in a three-truck collision near Laguna Jau. 23.

The employees of Sandia Corporation extend their sympathy to Edward S. Ames, 2541, and his wife Margaret, 4131, for the death of his father. Mr. Ames died in Denver, Jan. 24.

### Tournaments

Interested in ping pong, pool, shuffleboard and other pastimes? If so, and if you are a member of the Coronado Club, call C. W. Campbell ext. 25162. If there is enough interest, free tournaments with prizes will be scheduled.

### Scrap Sale Govt. Salvage Material Feb. 2 through Feb. 16

ELECTRIC AND ELECTRONIC PARTS—Radio tubes, tube sockets, pilot lights, resistors, condensers, switches, wire, cable, connectors, chassis, etc.

HAND TOOLS — Screw drivers, wrenches, pliers, cutters, etc.

LUMBER AND BOXES — Miscellaneous lengths and sizes of used lumber and general dunnage.

FIREWOOD — \$1 per load.

This material is on sale by Sandia Corporation from 8 a.m. to 4 p.m. on the designated days. Enter Base through the East gate. Turn south off of Central at 8700 block, Eubank Drive, and enter Base just beyond Speedway Park.

Employees may make their pur-

### Voters May Change Party Affiliation For 3 More Days

Newcomers to the company may find some of the following New Mexico primary election dates of interest:

Feb. 4—last day for present voters to change their party affiliation for May primary.

April 5—Deadline for old voters who have moved to change their registration to the new precinct.

April 7—Last day for new voters to register.

May 6—Primary election. (General election is Tuesday, Nov. 4)

chases during non-working hours. And for their convenience the yard will be open noon hours and Saturdays. It also will be open Sunday, Feb. 3.

### A.I.E.E. Meets at University Feb. 6

The American Institute of Electrical Engineers will meet at the Mechanical Engineering lecture room on the University of New Mexico campus at 7:30, Feb. 6. "Special Designs and Unusual Application of Transformers" will be the topic of guest speaker J. B. Hodtum of the Allis Chalmers Company. All members are urged to attend and the public is invited.

### Toastmistress Club

The Turquoise Toastmistress Club will have a dinner meeting at the Coronado Club Feb. 6 at 6:30. A Valentine theme will be carried out and the Initial Speakers Contest will be held. Mrs. Carl Lindquist will be toastmistress and Mrs. E. G. Miller is the topic mistress for the evening. Speakers are: Mrs. D. A. McCarthy, Mrs. Nate Weinberg, Mrs. Norma Osborne, and Mrs. Henry Goldberg.

**POODLE**

vs.

**PONY**



Dorothy Compton, 4222

Jean Shinn, 2464-1

Loveta Golden, 2222-2

Jackie Hynes, 2463

Roseanne Bascom, 2222

Marlene Bernitz, AEC

**Sandia Lassies Hold Battle of Tresses As We Ask: Which One Has the Pony?**

It's well known that the American girl will do almost anything to achieve variety in appearance—but when they start copying hair styles from dogs and horses—well!

The canine coiffure on the left is called a Poodle and that on the right is called a Pony or Horse's Tail. This nomenclature has been verified by no less an authority than Life magazine. In fact, it was a feature in Life exposing the current trend in tresses that woke

us up to the realization that the fad was infiltrating Sandia. Some girls here even introduced variations. Dorothy Compton, in the picture above, is wearing a Poodle Puff which she says is simply a modified Poodle.

The girls, both wearers of the Poodle and wearers of the Pony, are bubbling over with propaganda for their new hair-dos. Chief amongst the praises offered

by these young ladies is the following: "It's so easy to put up—only takes a minute." This from the Pony advocates. Poodle wearers say of their style: "It's no trouble at all, you just have to run a comb through it and you're all set."

We're all for efficiency, of course, and we've got to hand it to the girls. At last they've found efficient and simple ways of fixing their crowning glory so that, if anything, they look more lovely than ever.

**Bowling Leagues**

**ALL-STATES LEAGUE**

Wednesday, Jan. 23, 1952

Team	Won	Lost
Michigan	42	18
California	36	24
Oklahoma	33	27
Wisconsin	32	28
Indiana	29	31
Iowa	26	34
New York	22	38
Illinois	20	40

High Team Total Pins: Oklahoma 2565, Wisconsin 2472, Illinois 2461.

High Single Game—Team: Oklahoma 938, Wisconsin 883, Illinois 879.

Individual High Series: Ginther 624, Baroody 611, Parsons 575, Schultz 574, Kaspar 568.

Individual High Series: Ginther 624, Ginther 229, Fegan 226, Fellows 226.

**INDIAN LEAGUE**

**Team Standing**

Team	Won	Lost
Hopi	35	21
Blackfeet	30	26
Arapahoe	29	27
Apaches	29	27
Mohawks	28	28
Pottawattamie	26	30
Navajo	23	33
Zuni	24	32

High team, total pins, Mohawk, 2565.

Second high team, total pins, Apache, 2557.

High team, one game, Hopi, 950.

Second high team, one game, Pottawattamie, 949.

Individual high series, Nendell, 623.

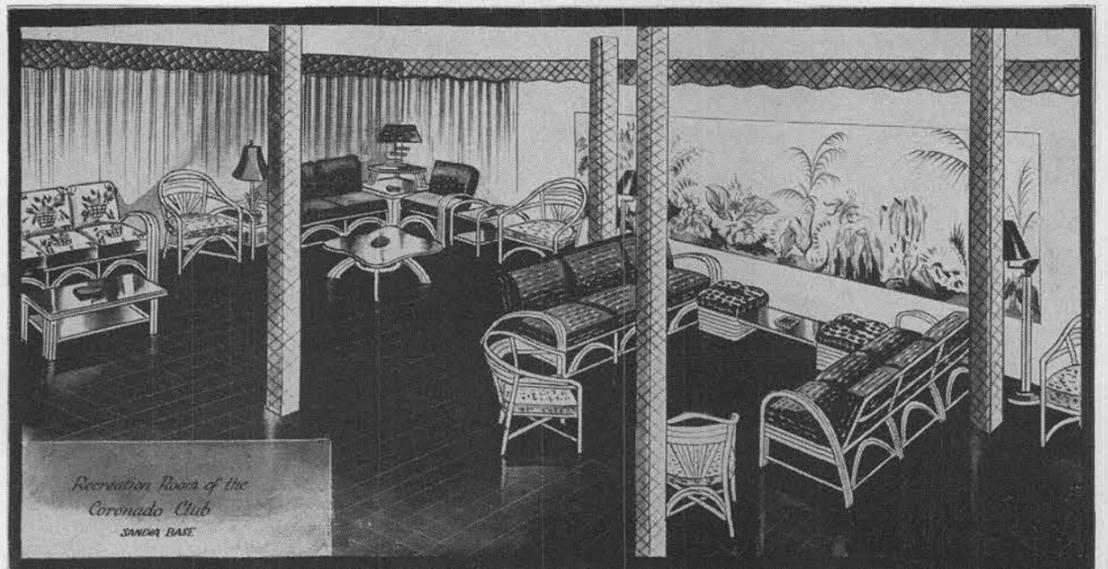
Second high individual series, Lew, 611.

High individual, one game, R. Parsons, 274.

Second high individual, one game, Gray, 261.

**Top 10 Averages**

Nendell, 187; Whitney, 174; V. Brewster, 173; Baumgartner, Palmer, 169; Horne, 167; Northrup, 166; Culley, Robertson, Parsons, 154.



**YOU NAME IT.** Here is the artist's conception of the decoration and furnishing scheme for the new recreation room in the Coronado Club. Take a good look at the drawing and then suggest a name for the room. A valuable prize will be awarded to the winner. Read the accompanying story for the contest rules.

**Name This Room and Win a Prize—Here are the Rules**

Plans have been completed for the decoration and furnishing of the downstairs TV room at the Coronado Club.

In anticipation of the grand opening of the new room, to be held sometime early in March, the Board of Directors has announced a "name the room" contest. Here are the rules.

1. All entries are to be submitted in writing (preferably on the form printed in this issue of the Bulletin) and mailed or delivered to the Coronado Club office not later than Mar. 1.
2. All members of the Club, active

and associate, are eligible for participation.

3. The winner will be selected on the basis of aptness and originality.

4. The prize will be announced in the next issue of the Bulletin. In case the winning name is submitted by more than one entrant, duplicate prizes will be awarded.

The contract for decorating and furnishing the room has been awarded to the American Furniture Company, according to Goldie Hart, director in charge of decorations and furnishings.

Cost of the project is estimated at \$4000. The floor will be covered with asphalt tile and the room will be furnished with comfortable lounge chairs and sofas, cocktail tables and lamps. Attractive draperies will be hung along the north end of the room. It is expected that Club members will use the room extensively for private parties and meetings. When no functions are scheduled, the room will be used as a cozy lounge where members can relax and watch television, read and enjoy refreshments ordered from the bar.

**Archery Addicts To Plan Practice**

Warm weather archery practice in the nearby mountains will be discussed at a meeting of the Albuquerque Archers Club Tuesday, 7:30 to 8:30 p. m., at building T308.

Practice meets at the University of New Mexico archery course will be held on the second and fourth week ends of each month, according to Juanita Bridge, 2461-2, secretary-treasurer.

Other business to be discussed at the club meeting will be the amount of dues to be paid by members. Frank Treon, 2452, president, will preside over the group.

**ENTRY BLANK**

Coronado Club "Name The Room" Contest

Suggested Name \_\_\_\_\_

Your Name \_\_\_\_\_

Org. \_\_\_\_\_ Ext. \_\_\_\_\_

Deadline for submission of entries March 1, 1952

**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.

**FOR SALE—**

Trailer, factory-built, two-wheel w/leaf springs. 4' x 7' x 1' bed, 6.70 x 15 tires. Hitch fits all bumpers. \$100 or trade for jalopy. Norman A. Littrell, 4911 Palo Alto, ext. 23125 or Alb. 5-2598.

Pen engraving machine, new "Hermes," serial No. 1181. Equipped w/cutters, depth regulator, stylus, belt, motor and switch, adjustable holding device. \$150. Also Set Type, two "A" fonts with type box included. 1 1/4", \$50. See James A. Deakin, 713 N. Wellesley, ext. 4155 or Alb. 5-8413.

House, 8 room adobe in South Nob Hill section. Alb. 5-2167.

Speed Graphic camera. Anniversary Model, 2 1/4 x 3 1/4, Ektar 4.5 lens, supermatic flash shutter, range finder, Graphlex flash, pack adapter, 4 film holders. \$250. W. L. Wood, ext. 22950 or Alb. 6-2148.

1949 Lincoln Cosmopolitan 2-door sedan, radio, heater, Hydramatic, 5 new tires, chains, excellent motor and body. \$1745 or will consider swap. Also Bass Viol, Blonde King in top shape w/cover, \$200. L. E. Hollingsworth, ext. 6153. See at 714 S. Morningside.

Tire, tube and wheel, 17 in. Sam DeHaan, ext. 24146 or Alb. 4-4805.

1950 Studebaker Champion 4 door sedan, black, Regal Deluxe with radio, heater (Fresh Air), over-drive, seatcovers, sun visor, white sidewalls. \$1400. Dan Held, ext. 33256; 623 N. Jefferson.

Car trailer, four wheel with tarpaulin and hitch. See at 1821 N. Florida, Carl Hawk, ext. 26254.

1950 Pontiac, 6 cyl. sedan coupe by original owner. Perfect condition. \$1500. A. L. Dyer, ext. 7158 or Alb. 2-2184.

Two bedroom house near bases and schools, venetian blinds, picket fence, patio. Total price \$8800, will consider any reasonable down payment and terms. Ext. 2025 or 2026, Alb. 5-8132.

Heiland Strobonar I Electronic Flash, good condition. Reasonable. Call Bains, ext. 26148, Alb. 5-1977.

Practically new two-piece three quarter sectional, dark green, original cost \$395, will sell for \$195. Val Walters, ext. 22239 or Alb. 5-9900.

1940 Chevrolet business coupe, 1946 motor, recently overhauled, 5 good tires, \$300; studio couch \$20; twin-size coil bedspring \$5; folding metal bed with innerspring mattress \$15. Helen Smith, 4615 Palo Alto, Alb. 5-7389.

Typewriter, Underwood, Portable, new, \$55. Virginia Potter, ext. 31148.

1950 Buick, 4-door, Super, dynaflo, less than 10,000 miles, owner overseas. Helen Purcell, ext. 23247, or Alb. 5-4760.

1948 Dodge Pickup, deluxe cab, 4-speed, 35,000 miles, excellent condition, never used commercially, \$925, original owner. Henry G. Sweeney, ext. 6241 or Alb. 6-2227, 2227 N. Dickason (Inez Addition).

1948 Plymouth, club coupe, radio, heater undercoat, \$800 or best offer. Bob Laney, 313 S. Dartmouth, Alb. 5-4647.

Maple dining room set, the first \$50 takes my six piece set, extra leaf. Curran, ext. 27136, 512 N. Quincy, Apt. F.

**RIDE WANTED—**

2929 Santa Cruz, vicinity. Marilyn Shaklee, ext. 26149, Alb. 5-3258.

N. Fourth and Douglas MacArthur Rd., E. L. Drake, ext. 22252.

1346 N. Dartmouth to East Tech gate. Ruth Lipe, ext. 28254.

Broadway and New York to parking lot. Lucille Montoya, ext. 33251 or Alb. 2-4364.

Fourteenth and New York, to South gate or East gate. Alice Romero ext. 24152 or Susan Navarrette ext. 22146.

2216 San Ignacio Rd. to South Tech gate, morning and evening. Rena Jean Thompson, ext. 33141.

**WANTED—**

Join car pool from 2741 N. Jackson (Bel Air) to Tech area gate. Wilbur Mandrell, Alb. 6-1071.

Join car pool from 1502 Anderson Pl. to Tech area gate. Bob Yearout, Alb. 5-6270.

Dining or dinette suite. Call Sutton, Alb. 2-2359.

**FOUND—**

Gold pencil in Ad. Bldg. parking lot. Call Hal Baxter and identify, ext. 26258.