

SANDIA BULLETIN

Vol. V, No. 3

SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO

JANUARY 30, 1953

Sandian Discusses Philosophies of Business in A Democratic Society

Albuquerque businessmen who are members of two service clubs in the city recently heard T. E. Shea, Sandia Corporation Vice President and General Manager, discuss several problems near to the heart of all men engaged in business. In his



T. E. Shea

"investors may leave—"

talks before the groups Mr. Shea told of the big and complicated job which lies ahead of American business.

In this present-day society of free enterprise, Mr. Shea pointed out, business is permitted to exist and flourish only for the good that people see in it. Accordingly, business must so conduct itself as to win and keep the esteem of the public—and not merely over short periods of time, but over the decades that lie ahead.

Controlling Forces

Discussing what is known as "the trusteeship concept of management," which has been stressed by industrial leaders like Walter S. Gifford and Lewis Browne, Mr. Shea told his audience of the forces acting on any business. The interests and criticisms of stockholders, customers,

employees and the public all are to be considered by the businessman.

He pointed out that criticism must be considered in a broad and constructive sense, and gave as an example the criticism which can come from the investor in the stock market.

"He may write letters to you," Mr. Shea said, "but then he may go and sell his stock, pick up his dollars and go off and leave you. I can't think of any stronger criticism than that."

Offers Advice

Mr. Shea quoted from the 1953 objectives and principles of a service club, "Champion individual opportunity, competitive capitalistic enterprise and freedom of information." His talk pointed out specifically the task which confronts American business today. In closing he offered a word of advice to businessmen:

"Let's not think of the period ahead merely as one in which business has an opportunity to grow and prosper. Let's think of it as a fine opportunity for business to demonstrate that it knows what freedom means; 'the freedom to do what you ought to do.'"

Toastmasters to Name Top Speaker In Contest Feb. 12

The winner of the Sandia Toastmasters Club speech contest will be selected in a runoff contest on Thursday, Feb. 12, at the Coronado Club, 6 p.m.

Participants in the runoff contest will be Lee Deeter 5430, Don Jenkins 3154, Doug Macrae 3171, Bob Ruffin 1213, and Nate Wineberg 2532.

The winner will then compete with winners from each of four other Albuquerque Toastmasters Clubs on March 14 when the Sandia club will be hosts for the Area contest.

The best speaker chosen at this contest will go on to a District contest which will be followed by Zone and national contests.

J. E. Dingman Newly Elected Director Of Sandia Corp.

Announcement has been made of the election of James E. Dingman as a director of Sandia Corporation, replacing S. B. Cousins who has been named President of the Northwestern Bell Telephone Company. Appointment of Mr. Dingman as Vice-President and General Manager of the Bell Telephone Laboratories preceded his Sandia appointment.

Mr. Dingman's Bell System service began in 1922 as a tester with the Western Electric Company. After serving in several posts in the system he became Employee Relations Manager in New York and in 1949 was Assistant to the Manager of Long Lines.

The same year he was elected Vice President-Personnel of the Bell Telephone Co. of Pennsylvania and the Diamond State Telephone Co. In April 1950 he became Vice President-Operations and a Director of those companies.

N. J. Gamara to Talk on Antennas Before Radio Club

Norbert J. Gamara, 5412, will present a paper entitled "Theoretical Considerations in Antennas" before the Sandia Base Radio Club on Monday, Feb. 9, 8 p.m., building T-317, H Street.

The speaker, a former Army officer, came to Sandia in 1951 as a staff member. He has been engaged in research and development over a period of 10 years.

Prior to that Norbert spent some time in the Arctic where he was associated with the Hubbard Expedition. He also taught electrical engineering at the University of Minnesota and at Long Beach City College. He is the author of a number of technical papers, and holds patents in his field.



Mr. Gamara

Special Teams To Help Register Employees' Cars

Special Military Police teams will be in the Sandia Corporation area the first week in March to re-register vehicles of Sandia Corporation and AEC employees who have not previously registered them at the Provost Marshal's office. Deadline for the registration and purchase of the 1953 auto decals is March 15.

Details concerning the exact time and place for the registration will be furnished supervisors at a later date.

Bob Lemm to Tell Rockhounds About Precious Stones

A talk on "Precious Gem Stones" will be given by Bob Lemm, 2352, at the next meeting of the Albuquerque Rockhounds, Tuesday, Feb. 3, Church of Christ Recreation Room, Fifth and Marble Ave., 7:30 p.m.

The Club has also announced a special showing of creative gem stones at the Plaza Gallery, Old Town, from 4 to 6 p.m., Sunday, Feb. 1.

ISA Members Meet Thursday, Feb. 12

"New Transducers for FM/FM Telemetry," is the title of a talk to be presented by Frank Little, 5224, before the Instrument Society of America on Thursday, Feb. 12, room 102, Mitchell Hall, University of New Mexico, 7 p.m.

The talk will deal with a new pressure transducer for measuring pressure in liquids and gases. The instrument is designed to measure high speed transient pressures. The talk will also cover a description of an accelerometer for measuring linear acceleration.

Frank is a graduate of Utah State Agricultural College where he earned a B.S. in radio and electronics. He joined the Laboratory in 1949.

First Sunday Club Musicale Will Be Feb. 8

Lyric soprano Marilyn Langmyer, 4222, will be the first to perform at a new series of Sunday evening musicales being scheduled at the Coronado Club. Miss Langmyer,



Marilyn Langmyer

accompanied by Giovanna D'Onofrio, will be featured at the musicale Feb. 8, 8:15 to 10 p.m.

Marilyn has starred in concerts, operas, and audition recitals here, in Santa Fe, and at Mercyhurst College, Erie, Pa. She is a student of Giovanna D'Onofrio of Albuquerque and has appeared with the University of New Mexico Opera Workshop company in Albuquerque and Santa Fe.

Ruben Cobos, a professor in the University of New Mexico language department, will sing with Marilyn in a number of musical comedy and operatic duets at the February musicale.

Tentative plans for the new series call for a Sunday evening musicale once each month, according to Hal Hale, 1911. Those wishing to perform or to secure further details may contact Hal at ext. 4247.

Jan Garber Vies with Valentine Formal, Sunday Musicale as Month's Top Event

Three feature events stand out on the February Coronado Club calendar. The foremost is the appearance of the famous Jan Garber Orchestra on Saturday, Feb. 21. Jan Garber has one of the biggest of the big name orchestras and in the music world his tremendous popularity has been attributed to the universal appeal of his smooth, melodic music.

Tickets on Sale

Due to the renovation of the dining room floor on the dance night seating will be in the ballroom, foyer, and La Caña Room. Accommodations will therefore be slightly limited so it will be wise to purchase tickets well in advance. Tickets go on sale at the Coronado Club office Monday, Feb. 2, at \$1.50 per member, \$2 per guest. Reservations can be made only at the time of ticket purchase.

Another highlight of the month will be the Sunday Evening Musicale, featuring vocalist Marilyn Langmyer, on Feb. 8 from 8:15 to 10 p.m.

Valentine Formal

Valentine's Day will be celebrated at the Club with a grand formal dance. Ladies will wear evening dresses and men will wear business suits. The Club will be decorated in the Valentine motif to add to the romantic mood.

The Valentine Formal will be from 9 to 1, Saturday, Feb. 14, with Doc Savage's Orchestra playing.

There will be only one buffet-dance this month due to the floor renovations. It is slated for the 15th with Charlie

Biesel's combo performing. Reservations are required.

Bingo and Bridge

Arthur Murray ballroom dance instructions are again scheduled. They will be held on Tuesday, Feb. 3 and 10 from 8:30 to 10:30 p.m.

Bingo games are to get underway on Wednesday, Feb. 4 and 18 from 8 to 10:30 p.m. Remember: dollar a card for the entire night and a huge jackpot waiting.

Duplicate bridge fiends will convene on Thursday, Feb. 5, 12 and 19. Charge is 25 cents per person and play lasts from 7:45 to 10:30 p.m.

Juke Box Dances

Next Friday, the 6th, Pancho Baird and his Santa Fe Rangers will tune up for the big square dance at the Club. The stompin' and hollerin' at this first dance of the month will last from 8 to 12 p.m.

There will be two other dances during the month featuring the music of the nation's top singing and playing stars. That means the month's two juke box dances, of course, to be held Feb. 7 and 28, from 9 to 1.



TIME OUT FOR THE CRITICS. This group of Sandians gathers weekly in Pat Farley's den to enjoy an evening of oil painting and art discussion. They are, L to R, Ken Hankins 3153, Pat 3153, Connie Steputis 3153-1, and Ann Monroe 1512. A fifth mem-

ber of the group, Mata Dugger, 3153-1, was ill at the time this photograph was taken. Ken, who is a messenger in the Employment and Personnel Department, recently passed tests in draftsmanship and will be transferred soon to a trainee-draftsman post.

SANDIA BULLETIN

Friday, January 30, 1953

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

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

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Telephone Ext. 25253



Just a Moment . . .

Just because one-twelfth of this year has now gone by without an accident to you don't think you are immune to all accidents. Let's make this remaining 11 months as accident-free as was the first month.

American industry completed the year 1952 with the best safety record it has ever made. You were safer than ever before on the job last year, but the same cannot be said for the safety record at home and on the highways.

The year 1952 found the home still an accident-trap and as for the highways, more motorists were killed on our roads in these 12 months than soldiers in the Korean war. In fact, as the year 1952 began this country suffered its one-millionth traffic fatality. That is more lives lost in 50 years of motoring than in eight full-scale wars of our country's entire history, plus all the other skirmishes in which our armed forces have engaged.

If we could sit down and give you the rules and regulations for safe conduct through the year 1953 we'd do so, but despite all the traffic laws, the education we have received and the common sense given to us, thousands of our fellow Americans will die in accidents, avoidable accidents, unless some kind hand of fate intervenes. The laws of the road are good, our safety education is the best man can devise and our common sense — perhaps that is where the roots of the trouble may be found.

Our automobiles have upwards of 200 horsepower under their hoods this year, but there is no more brainpower behind the wheel. The brakes are better than ever this year, but the man who pushes the brake has no faster reaction time. Steering the new car is easier, but the man who hit the telephone pole last year is still handling the wheel.

So it appears that it is Mister Driver who will have to undergo modification in the years to come before we can find our highways something other than a death-trap.

The best way we can improve our over-all safety record, as we have done in industry, is to face the problem with intelligence, good judgment and sincerity and try to do something about the source of our trouble — man himself.

Five Acres of Land Help Fulfill Dreams

"A Rancher's Life for Me"

— So says Vern Morrison's wife

Lots of folks dream about that little acreage in the valley. Like Mr. Blandings who built his dream house, they conjure up ideas of strolling the grounds among their choice crops and fattened cattle while pondering luxurious meals from a heavily stocked larder.

Ask the Morrisons

Such dreams are commendable, but before their realization comes a lot of hard work and long range planning. If you don't think so, ask the Vern Morrisons who have five acres in southwest Albuquerque where they raise stock and poultry and grow much of their own food.

Vern, 2542, says most of the credit for their farming enterprise should go to his wife, Goldie, who is actual "foreman" of the place. Vern says he is really a silent partner since it is Goldie who does the day-to-day chores for the stock when he is on the job for Sandia Corporation, and it is Goldie who attends livestock sales where she buys young calves.

Most women are content with shopping sprees downtown or the big weekly trip to the grocery store, but not Goldie. She has her own truck and loading chute and when she goes "shopping" she returns with hamburger and beefsteak, on the hoof. She loads her own purchases at the sales and takes them home where they are turned out to pasture.

Also Raise Poultry

Once in a while the critters have been a bit too rough or heavy for a woman to manage but that hasn't been frequent. Goldie has dealt in cattle in numbers that many men haven't handled and in addition she has several more projects at home.

Last year the Morrisons raised 500 chickens, 75 turkeys, dozens of Flemish Giant rabbits for the frying pan, two acres of alfalfa and a large

garden. Into their home deep freezer (beside those roasts and steaks) went sweet corn and strawberries and there were quantities of fresh vegetables and melons on the Morrison menu.

Children Help

But Goldie's responsibilities do not end with outside chores. Her most important "projects" are four young Morrisons who are learning to ranch with their mom and dad. Ronald is a strapping big 14 and a willing hand around the place. He and Richard, 7, enjoy raising stock so they don't have to be needed into doing their share. The twins, 5-year-old Janet and Janice, still have a few years to go before they can shoulder many odd jobs.

Vern built the comfortable home on their acreage. It has a natural stone fireplace and a knotty-pine paneled kitchen. Plans are in the making for future rooms.

Southwestern farming is comparatively new to the Morrisons. They came from Lansing, Mich., ten years ago where they had operated a riding academy. Vern trained horses and polo ponies and did some polo playing himself. All of the Morrisons enjoy horseback riding. Soon they'll have a horse or two at their acreage.

Plans for Spring

This spring the Morrisons will plant several acres of permanent pasture and they are already preparing to welcome hundreds of baby chicks and turkeys. Their rabbit hutches house several brand new

Mildred Brumley, 5130, recently entertained her parents and her sister and brother from Dolores, Colo. A highlight of the visit was an evening at the Sonja Henie ice show.

Skiing and enjoying the winter sports this week in Aspen, Colo., are Ken Erickson, 5130, and his wife.

Bob Buehler, Don Robbins and Warren Taylor, all of 5133, and Jim Wilson, 5131, have been taking advantage of our January summer weather to play tennis at noontime on the courts near the Base gymnasium.

Her co-workers wish a speedy recovery for Connie Gonzales, 2461-3, who submitted to an emergency appendectomy last week.

Two new car owners in 5130 are Bob Flanagan and Jack Wiesen. Bob has a 1953 blue four-door Ford sedan and Jack has green and cream colored Plymouth four-door sedan.

Marcel Weinreich, 1921-2, will return next week from a vacation in New York where he is visiting relatives.

Here's another reason to be thankful for our pleasant weather recently — Mary Helen Sharkey's husband sent her this report from Canada: low for the day, —42, high —34; sunrise at 9:24 a.m.; sunset, 2:38 p.m. Mary Helen is in 2230.

Miriam Furches, 3153-1, recently acquired a new red Chevrolet convertible — "matches my license plates," she says.

A guest at the home of Neil Hansen, 3152-2, and his wife is his sister-in-law from Winona, Minn.

Betty Sexton, 3152, attended the Week-End Carnival at Aspen, Colo., last week where Lana Turner and Lex Barker were scheduled to reign as queen and king.

William Schober, 2232, is reported making a satisfactory recovery from a recent sinus operation.

When Betty Ruark, 4222-2, came back from a two-week vacation at her former home in Colorado, she sported a new Bel-Air Chevrolet.

Quento Vandi, 2464-2, is enjoying an extended visit from his mother who resides in Lehigh, Iowa.

Following completion of building 863, Frances and Tom Berry held a "moving day" celebration at their home for personnel of 2464-2. Entertainment was provided by Juan Pena, 2415, who played his guitar with Wilfred Sanchez, 2415, doing the vocalizing. Coach F. M. Wilson, Frances' father, played and sang folk songs and Frances danced the Mexican Hat Dance.

Jack Benson, 2225, and his wife and young son returned recently from a two-week vacation trip to Chicago where they visited Jack's mother.

Now at home at 515 Pine St., SE, are Mary Miller, 2221-1, and her husband who have returned from their honeymoon trip to Toledo, Ohio, and Dubuque, Ia.

Lansing, Mich., was the vacation destination recently for Norma Killila, 2224, and her husband.

Donna Strand, 2224, and her husband spent a two-week vacation this month in Bowbells, N. D., where Donna says the weather was "Brrr...rr!" The Dakota community is close to the Canadian border.

Marilyn Murray LaClaire, 4222 (3154), and her husband are now at home at 312 Bellrose, NW, following a wedding trip to northern New Mexico.

Henry Passmore, 3153, went on military leave January 22 to enter Navy boot camp at San Diego, Calif.

Betty Van Gundy, 4131, was matron of honor recently at the wedding of a former co-worker, Cosette Schrack Dietrich.

Bill Collins, 4133, has joined the ranks of brand new property owners, singing the "taxes, dust and fuss blues."

Owner of a new Buick Special is Jim Koger, 1223, who is driving the new grey and tan automobile and "making frequent trips to the bank" he says.

Another new car owner is Walter Shoemaker, 2231, with a 1953 Ford.



CUTTING THE CAKE AT THEIR wedding reception in Canada were Edwin Fielding Johnson and his bride, the former Hazel Yvonne Cross of Flin Flon, Manitoba. Edwin, who works in 1512, and Mrs. Johnson are now at home in Albuquerque. Best man was Robert T. Pegue, 2122, brother-in-law of the bride.

Eilizabeth Six, 2231, visited with friends and relatives recently in Chicago and St. Louis and in her home town of Kewanee, Ill.

Add to Albuquerque home owners Dick Candlin and Gene Anselmo. Dick, 2231, and his family are living at their new residence at 704 Ortiz Dr., NE, and Gene, 2231, has moved into his home at 9018 Matthew, NE.

Robert Brammer, 2231, brought back a sporty new hardtop Buick from his recent vacation in Ohio.

Carleton Marchbanks, 2234, is wishing a speedy recovery by his co-workers in 2234. He was scheduled to undergo surgery on his knee this week.

Congratulations to Delfinio Jinzo, 2417-1, who was married recently to Ruth Sanchez of Cedar Crest. Delfinio is the son of Benino Jinzo, 2417-2, and Ruth's father is Flaviano Sanchez, also 2417-2.

Their co-workers in 2417 wish speedy recoveries for Joe Chavez and Jack Stagner who both underwent surgery recently.

George Blea, 1922, enjoyed a recent vacation in California where he attended the Rose Bowl game and New Year festivities in Hollywood. While eating lunch at the Brown Derby George glimpsed Mr. and Mrs. Dean Martin and many other screenland notables.



TWIN DAUGHTERS WATCH as Vern and Goldie calves. Goldie bought these calves at a livestock Morrison get ready to round up several of their sale last year. She was the only woman bidder.

Science Foundation Warns of Lag in Number of Young Men Entering Field

A warning has been issued by the National Science Foundation of the critical shortage of scientists in United States—and the situation is expected to grow worse in the next few years.

The Foundation made the warning in a report to the President. Startling among the figures presented in the report were those which showed that in 1955 there will be only 15,000 engineering graduates in the United States.

Numbers Do Increase

In other fields of science, the Foundation says that chemists, now totalling about 80,000 had been doubling in number every 10 years. Physicists, now numbering about 20,000, had been doubling in number every eight years. Biologists, now about 30,000, had been increasing at a slower rate.

"It is worth noting," the report said, "that the deficits produced by World War II have not been offset by the veterans training program under the G. I. Bill of Rights. The postwar upsurge in the production of bachelor degrees in science and engineering reached a peak of 125,000 in 1950.

Fewer Graduate

"The graduating classes of 1951 and 1952 decreased markedly from this record number. The downward trend will continue at least into 1954.

"The number of students expected to receive bachelor degrees in June, 1954, will be much lower than the number awarded in 1950. The number of Ph.D. awards to be made in 1954 representing members of the 1950 college graduating classes will clearly be too few to make any appreciable impact on the accumulated shortage of scientists."

New Fields Help

The rise of the atomic energy field of development and the growth of the electronics industry, according to the foundation's report, has stimulated the production of physicists to probably the level that will be needed, but it has impaired the teaching of qualified biologists by diverting students from this field.

Much of the report was devoted to the thesis that too little emphasis was laid in this country on basic research and training in the sciences. Basic research was described as "a defense in depth which is essential to establishment and maintenance of technical supremacy."

Thank You

Harold Newhaus, 2414, wishes to express his sincere appreciation to all employees of 2410 and to residents of the base housing area for their kindness during the recent illness and death of his wife.

What's My Line?



She has worked for Sandia Corporation for 16 months and during that time has become accomplished in one particular line of machine work. She had no previous training for this work, but learned it while employed by the Corporation. Some of her assignments are large, others are small, but each is an important one and she must have experienced judgment in turning out the required order. Part of her work is done while standing although there is a phase of it that must be done at a table while seated.

Please turn to page 4 for the answer.

Alcoa Speaker on Program of ASTE Dinner Meeting

A motion picture, "Tool Design and Metal Working of Aluminum," will be shown to members and guests of the American Society of Tool Engineers, Chapter 93, at the Fez Club, Tuesday, Feb. 10. Dinner will be served at 7 p.m. and the film will be shown at 8 p.m.

The movie describes production processes and techniques used in machining and forming aluminum alloys. The program will be conducted by Cristy Jones, Oklahoma City branch office manager of the Aluminum Company of America, and J. K. Wareham, engineering metals section head and jobbing division chief engineer at New Kensington, Pa.

The meeting will also feature the election of officers after nominees for chapter posts in 1953 have been presented by the nominating committee.

Presiding at the meeting will be President Jerome Durrie, 1641. Program committee chairman is "Red" Hanen, 2536, and public relations committee chairman is Herbert E. Anderson, 1643.

News from the Field of Atomic Energy

Parker Pen Company researchers in Janesville, Wis., have "half seriously" forecast that a nuclear energized pen, anticipated by 1975, will use "hot" molecules to burn a written impression and the new pen will replace the pen of today. (Milwaukee Journal)

The Plumbing and Heating Industries Bureau has said that the use of radioactive iodine in detecting defects in plumbing is feasible. Health authorities have agreed that this use of radioactive isotopes, if carefully administered, is harmless to a municipal water supply. (Washington Post)

Prime Minister Jawaharlal Nehru has announced a four-year atomic energy development plan for India. In a speech at the opening of a government-owned rare earths factory he announced that the plant would ship 1,500 tons of monazite sands per year to the U.S. (New York Times)

The AEC has announced that an agreement has been signed with Britain and Australia for the development of uranium deposits in the rum jungle area of Australia. The basic features of the agreement will provide for cooperative development in both surveying and developing the area. (Wall Street Journal)

The Westinghouse Electric Corp. has reported that the electric motor to be used in the first atomic submarine engine has been operating for a year and a half without a breakdown. The publication says the motor has been "canned" to prevent leakage of radioactive water which would be dangerous inside a submarine. (Westinghouse Engineer)

Sympathy

Fellow employees extend their sympathy to Mr. and Mrs. Myron W. Barnes, 2512, whose five-month-old son died January 14 following a lengthy illness.

Sympathy is extended to L. E. Lamkin, 1280, whose mother died January 18 at Salt Lake City, Utah.

Our sympathy is extended to R. E. Williams, 1284, for the death of his father in Parsons, Kans., January 16.

Sympathy is expressed to Emery Caudill, 2417-2, whose father died January 10 in Albuquerque.

Public Relations Men Hear Sandia Official

"When a Community Looks at Industry" was the subject of a talk by F. B. Smith, Personnel Director and Treasurer of Sandia Corporation, before the New Mexico Public Relations



F. B. Smith

"—we can't give samples"

Conference held last Saturday at the Alvarado Hotel in Albuquerque.

A 10-point employee relations policy adopted nearly 30 years ago by the Western Electric Company was outlined by Mr. Smith in explanation of the liberal employee benefits and services program inaugurated here by Sandia Corporation when they took over the Laboratory more than three years ago.

"Because of the security restrictions surrounding our operations here," said Mr. Smith, "we must depend upon our more than 5,000 employees to be ambassadors of good will in the community, performing an indirect public relations function."

He explained that the Corporation is obviously unable to pursue usual public relations practices in featuring the superiority of its product, holding open houses for the press and distributing free samples.

Music Lover's Classical Records Take Second Place to Family's Children

Last month the SANDIA BULLETIN printed a story about a jazz record collector. Now it is time for a "longhair" to have his day.

Bob Silva, 2532-4, has more than 3000 discs of classical music and the artists on many of them read like a history of the Metropolitan Opera. Caruso, Tetrazzini, Melba, Schuman-Heinke, Gigli, Scotti and Geraldine Farrar are at Bob's fingertips when he wants music for relaxation.

There is only one hitch about that "relaxation." Four little romping Silvas make it pretty hard to enjoy the peaceful pastime of listening to great music. The youngsters are Mary Ann, 4, Terisa, 3, Cecilia, 2, and one-year-old Bobby.

Youngsters Come First

Bob says he and his wife, Grace, do not play the records much any more because their hours are so taken up with the children, but in the years to come when the kiddies are older they will educate them to the classics and the whole family will enjoy the record collection.

Bob started his collection of records when he was in college in Texas. He joined a record club and participated in evenings of music with his fellow students. His first purchases were DeBussey's Nocturne and Fetes and Schubert's Fifth Symphony and from those grew the extensive collection he now houses in a specially built cabinet.

Meets Wife

It was through his record collection that Bob Silva met his wife. An Albuquerque radio announcer learned that among Bob's collection were a good many Spanish records and he asked to hear them played. The announcer and Bob struck up an acquaintance and the radio man introduced Bob to members of his family. Grace is the announcer's sister, so the rest is history.

Annual Meeting Votes Credit Union Dividend

One thousand three hundred and fifty-four members of the Sandia Laboratory Federal Credit Union have shared in a 4 per cent dividend from the organization's earnings for the year 1952. The amount distributed was \$5,730.38.

The past year has found the Credit Union showing a great increase in deposits. The following comparative figures show the Credit Union's growth:

	1950	1951	1952
Members	484	673	1,354
Shares	\$29,133.38	\$101,984.15	\$294,784.70
Loans outstanding	\$25,682.90	\$45,534.45	\$117,306.09

Operating Statement

December 31, 1952

ASSETS

Cash in bank	\$ 36,010.56
Loans outstanding	117,306.09
Federal Savings and Loan shares	90,189.56
Loans to other	
Credit Unions	62,900.00
Total	\$306,406.21

LIABILITIES

Shares	\$294,784.70
Reserve for bad loans	3,441.34
Undivided profits	8,180.17
Total	\$306,406.21

Payroll Deduction

During 1952 the payroll deduction plan for Sandia employees was put into effect for the Credit Union. It is now possible for members to purchase shares and repay loans by weekly or monthly deductions from their paycheck.

Members of the Board of Directors elected at the annual meeting of the Credit Union are J. W. Kunketka 3122, Martin Grothe 3220, H. M. Willis 1910 and R. B. Crout 2410. Holdover members from last year were J. J. Michnovicz 2460, E. W. Bergquist 2320 and A. H. Spengeman 4150.

Supervisory committee members elected are Ray Coffee 2121, L. E. Aragon 4151 and R. B. Blount 1921.

Promotions

ELMER J. STYMIEST to section supervisor of 2322-2. Elmer joined us in 1951 following a year with



the sales and shipping department of the National Biscuit Co., Los Angeles. Previously he spent three and a half years as an auditor and expeditor for the Zia Construction

Co., Los Alamos. Elmer served three years in the Air Force and studied business administration for two years at Union University, Tenn.

GLENN V. SHAFFER to division supervisor of 2362. Glenn came to Sandia in 1950 after owning and



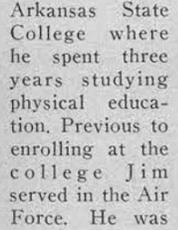
operating an automobile firm in Wichita, Kans., for four years. Before that he was a supervisor in Boeing Airplane Co. tool planning, expediting and shop load control at Wichita for five years. Glenn studied petroleum engineering at the University of Kansas for three years.

GAIL A. SIEVERT to section supervisor of 2311-1. Gail started employment at the Laboratory in



1950. Prior to coming here he owned and operated his own jewelry business in Albuquerque for five years. Gail opened this firm following his discharge from the U. S. Army. He spent four years in the field artillery serving in Europe as a lieutenant.

JAMES S. HINSON to sergeant in 2452. Jim came to the Corporation in January, 1950, after attending



Arkansas State College where he spent three years studying physical education. Previous to enrolling at the college Jim served in the Air Force. He was stationed at Lowry Field, Colo., during 1945-1946. Jim entered the service immediately following his graduation from high school in his home town, Jonesboro, Ark.

EARL T. ROBBINS to sergeant in 2481-1. Earl came to Sandia in 1950. He attended Brawley Junior



College for two and a half years majoring in business and accounting. Earl has worked with a contracting firm in Brawley, Calif., and as bookkeeper for R. B. Wilson Co., also in Brawley. He is a veteran of four years with the Air Force serving overseas as a captain.

GEORGE A. USZUKO to sergeant in 2481-1. George joined us in 1950 after four years as service



manager with B. F. Goodrich Co. in Albuquerque. He has also worked in aircraft maintenance at Kirtland Field and with Eidal Manufacturing Co. here. George was with the American Furniture Co. from 1943 to 1945. He served a year in the Army.



COMPARING SERIAL NUMBERS on their "ID" cards are Edward C. Nickolds, left, and Hollis Nicolds, both of whom were reinstated by Sandia Corporation after military leaves. The parallel in their lives and similar names came to light when Hollis and Edward came back to work this month after overseas duty.

Nickolds-Nicolds Spelled Differently But Lives Parallel

Edward C. Nickolds, 2461, and Hollis B. Nicolds, 2411, got together last week to compare notes and found that their lives had followed parallel courses even though they hadn't met before and are not related.

Serial Numbers Close

Here are some of the coincidences: both are native New Mexicans; both came to work for Sandia Corporation and although they were hired months apart, their employee numbers are very close, Edward's being 65396 and Hollis', 65402; both terminated to enter military service in December, 1950; both served in the army where their serial numbers were 54036138 for Edward and 54036318 for Hollis. Both were reinstated recently during the same week after they'd completed their military careers.

Lives Do Vary

However, there the similarity apparently ends. Edward served in Korea and Hollis Germany. Edward is a bachelor but Hollis is married. And their ages differ by two years.

Both veterans agreed upon one thing: it's mighty good to be back in Albuquerque and working at Sandia. Also they enjoyed receiving the SANDIA BULLETIN while on military leave.

Two Sandia Ladies Help Reign Over Annual Ski Ball

The annual Ski Ball, big mid-winter social event of the Albuquerque Ski Club, will be held tomorrow evening from 9 to 1 at the Hilton Hotel ballroom.

Reigning over the ball as queen will be Jeanne Bainbridge, ski school instructress at La Madera ski area. Included in her court will be Ernestine McCampbell, wife of C. B. McCampbell, 5220, and Jean Freyermuth, 1533. The queen and her court were elected at the January ski club meeting.

The semiformal dance is not restricted to ski club members. Tickets may be purchased at the Chamber of Commerce or at the door. Admission is \$3 per couple.

Two weeks after the ski ball, the winter carnival will be held at La Madera. Jay Stribling, 1953, is chairman of the committee which will arrange this winter sports event.

Sandians Help Form Local Chapter of Journalistic Group

A New Mexico professional chapter of Sigma Delta Chi, national journalism fraternity, was installed recently at a banquet attended by journalists from throughout the state. President of the newly chartered fraternity is Robert S. Gillespie, Sandia Bulletin editor, who took office during the installation.

During an initiation ceremony prior to the installation, William A. Jenkins, Sandia Bulletin assistant editor, became a member of the fraternity. Included in this initiation was Richard Everett, editor of the Santa Fe New Mexican, and Wendell "Lief" Erickson, Albuquerque bureau chief of the Associated Press.

Presiding at the initiation and installation was Walter R. Humphrey, editor of the Fort Worth Press and past national president of the Sigma Delta Chi.

Other Sandians who are members of Sigma Delta Chi are Allen Buchanan, 1955, and John McElhinney, 1923.

Present plans for the new professional chapter call for a number of meetings at which notables in the fields of journalism, government and industry will present their views to the press.

Sandia Employee Candidate for School Board

Entering the current contest for election to the Albuquerque School Board is Barthold R. Hake, a Sandia Corporation employee. Bart, who works in 3152, was the fifth candidate to enter the race.

Two members will be elected to the Albuquerque School Board at the election Feb. 3.

Bart has a master's degree in education from Peabody Teachers College, Nashville, Tenn. He was educated in Albuquerque schools and is a graduate of the University of New Mexico and has two children, one is a daughter in second grade.

Story Telling Period Offered This Saturday By Mrs. P. D. Wesson

Mrs. Philip D. Wesson will hold a story hour for children at the Base Library tomorrow morning beginning at 10 o'clock.

The stories selected for this session, which is the second of the series, will interest children between the ages of 5 and 12. Titles of readings for tomorrow include "How Boots Be-Fooled the King," "The Alligator and the Jackal," and "The Apple Tree Witch."

Kathleen Blakey, librarian, announced this week that the library doors will be open at 9:30 to welcome all interested youngsters. Mrs. Wesson is a former children's librarian and an experienced story teller. She is the wife of Sandia Corporation's General Attorney.

The Inquiring Reporter Asks:

"What are your ambitions in the business world?"

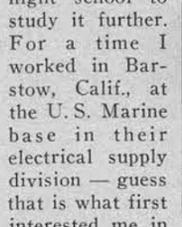
(Asked of Sandia Corporation Messengers)

Mike Barela, 3222. My ambition is to be a cashier, and my recent promotion from messenger to paymaster makes me happier than ever that I've chosen this work. I've been a cashier at a furniture store in Belen, and for an Albuquerque firm and

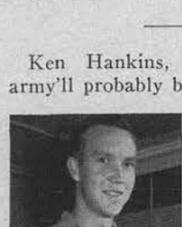


I know I like the work. Last year I took commercial courses at St. Joseph's college and this year I'm enrolled in an education course there. I'll try to take more as I go along because I'm aiming for a cashier's job.

Johnny Griego, 2333. I have a liking for electronics and want to enter night school to study it further. For a time I worked in Barstow, Calif., at the U. S. Marine base in their electrical supply division — guess that is what first interested me in electronics and that line of work. I really enjoy my job here as a messenger — everyone is very nice.



Ken Hankins, 3153. Well, the army'll probably be calling me some day, but when that is over I would like to take some University work. I haven't decided definitely what to study, but I like drafting and I think that's the field for me. I want to stay at Sandia Corporation so perhaps in the future when this army business is out of the way I can go ahead with drafting study. I know I'll have to get the training to do anything with it.



Manuel Caire, 1931. I'd like to finish my schooling and eventually get into business administration. The work I'm doing now has certainly helped me decide what I want to do. Right now I'm interested in night school. Of course I am in the National Guard and have to take that into consideration, but I sure would like to study more business administration and aim for better jobs with Sandia Corporation.

Circle 10 Gun Club Elects New Officers

The Circle 10 Gun Club recently elected Noel Kent, 2452, as its new president. Jim Deakin was named vice-president, Tom McKinney is secretary-treasurer, Bob Stewart is executive officer and Darrel Bridge was elected range officer. All the officers are in 2452.

Outgoing officers are Bill Krouse, president; Jim Lossing, vice-president; Fred Brooks, secretary-treasurer; Cliff Hiner, executive officer; and Robin Kelly, range officer.

A holdover from the last administration is "Marty" Martegane, entertainment committee chairman.

The new slate of officers will be installed on Thursday, Feb. 12, at the Garcia American Legion Post in Albuquerque.

Wedding

Adela Silva, 4222 (1921), will be married tomorrow in Our Lady of Sorrows Church, Bernalillo, to Sgt. Robert Sullivan, son of Mr. and Mrs. James Sullivan of McKeesport, Pa. Adela is the daughter of Mr.



Miss Silva

and Mrs. Clory Silva of Sandoval. Her attendant will be Mary Jo Jacques, 4222. The couple will take their honeymoon trip to McKeesport where they will visit Sgt. Sullivan's parents.

New Employees

A welcome is extended to the following newcomers who joined Sandia Corporation between January 7th and January 21st:

Robert W. Peterson	1211
Lewis A. Fjelseth	1213
Clifford S. Selvage	1213
Walter H. Barbier	1230
William E. Mileski	1283
Lewis M. Larsen	1512
Robert W. Hager	1532
James H. Harrell, Jr.	1612
Betty J. Fike	1641
Mary E. Flanagan	1921
Jeanne W. Miller	1924
Lawrence Myers	1932
Carlton A. Scott	1932
George L. Denwood	2122
Theodore E. Joslin	2123
Richard C. Holman	2126
Theodore E. Neubauer	2126
Lee G. Horton	2312
Richard H. Ness	2464
John L. Jesson	2481
George W. Davis	2532
Kathryn F. Keogh	3231
Inez E. Boyles	4131
Irene M. de Forrest-Pearce	4131
Donna I. Lindburg	4131
Dorothy J. Lutens	4131
Alma A. Mischke	4135
Lila E. Heimer	4222
Margaret A. Herbert	4222
Anne E. Herdt	4222
Ellen R. Jones	4222
Betty M. Sterrett	4222
Bernice T. Umland	4222
Rose M. Topper	4233
Dana J. Steele	5122
Bernard N. Charles	5131
Bruce L. Miller	5132
William B. Pepper	5141
William B. Stephenson	5141
Riley H. Dobberstein	5412

G. I. News —

— From Sandians in The Armed Forces

Bill Gamberale, on military leave from 3152, writes that he has been assigned to medical aid training now that he has completed basic infantry training. "I'm learning how to give a patient a bath now, and make him comfortable . . . guess they're going to make a medical aid man of me." Bill would like his friends to write him at this address:

Pvt. William Gamberale,
US52219987
Co. C, 7th Bn., M.R.T.C.
Camp Pickett, Va.

Home on points after 9 months in the front lines of the Korean battlefield is Sgt. Shary Holmes, formerly of 2235. He arrived in the states just before Christmas and was introduced to his young son, Steven Vance, who was born while Shary was overseas. The Holmes family is now in Santa Ana, Calif., where his address is

Sgt. Shary Holmes, 1208140, USMC
El Toro Marine Air Base
Santa Ana, Calif.

What's My Line?



Julia Olivas is an ozalid operator.

Operator of an ozalid machine in 2462-2 is Julia Olivas who turns out volumes of reproductions of engineering and architectural drawings. She must judge from her original copy how fast to run the ozalid mechanism for the light intensity remains constant and only speed of the process will bring out the correct result. The original copy must be on paper translucent enough to allow light to pass through it. Julia has learned from experience how best to adjust her machine. A native of Texas, Julia attended Albuquerque high school before coming to Sandia Corporation.

Congratulations!

BORN TO:

Mr. and Mrs. Ray Brunacini, 2222-2, a son December 29—weight 7 pounds—name Ray, Jr.

Mr. and Mrs. Emmett P. Dillon, 1283, a son January 20—weight 8 pounds 5 ounces—name Daniel.

Mr. and Mrs. John Wichlens, 4232, a son January 8—weight 7 pounds 7 ounces—name Kenneth Edward.

Mr. and Mrs. B. G. Duncan, 4233-2, a daughter January 21—weight 7 pounds 7½ ounces—name Cheryl Sue.

Mr. and Mrs. Ray Powell, 3150, a daughter January 16—weight 7 pounds 12 ounces—name Pamela.

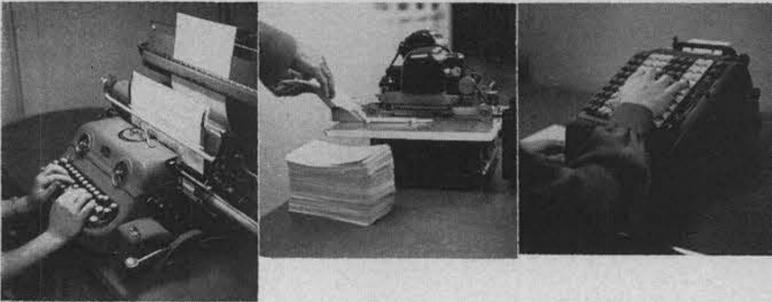
Mr. and Mrs. Alfred Winblad, 1321-2, a daughter January 23—weight 7 pounds 9 ounces.

Mr. and Mrs. W. H. Kingsley, 3161, a son January 13—weight 6 pounds 8 ounces—name William Harry.

Mr. and Mrs. Ed Haggerty, 4135-2, a son January 12—weight 7 pounds 2 ounces—name Richard Joseph.

Mr. and Mrs. Walter Norris, 2232, a daughter January 13.

Mr. and Mrs. Paul Jennings, 1522, a son January 22—weight 8 pounds.



Office machine repairmen
Advise on equipment care

"Sandia's Mr. Fixits"



Chief Fixit John Ransom

It's almost an axiom of mankind's progress that the things he has created and come to depend upon are often astoundingly mysterious to him.

The woman who can drive a car cross-country has trouble fixing a flat and is helpless if the fuel pump clogs.

The man who depends on the telephone for his job is bewildered and indignant if a line breaks down.

The machinist whose lathe fails is incapable of operating until his machine is fixed.

It would be hard to estimate the influence a simple machine like a typewriter has had on our modern civilization. It's evident, however, to anyone who has ever entered a busy office that what started out as a sort of industrial luxury has become an integral part of present-day business.

Repairmen Needed

And as with the car and telephone and lathe, when the typewriter refuses to work someone other than the operator must fix it. Here at Sandia we have four men whose sole duty is repairing and cleaning office machinery.

An engineer will tell you that friction is a machine's worst enemy. Yet the office machine repairmen report that they rarely run across a machine that is simply worn out.

"One brand of calculator used here has more than 7,000 parts," says John Ransom, supervisor of Office Machine Repair section 2415-2, "yet whenever we get a call to fix one of them it's almost always a case of misuse, not wear. Usually the jam up is caused by someone who had no business fooling around with the machine in the first place."

Variety of Machines

There are about 1500 different units of office machinery used by the Corporation. These include typewriters, calculators, mimeo and ditto machines, plus miscellaneous items like staplers, punches, time clocks, and Vari-Typers.

To keep this equipment in good order the repairmen make an average of 15 office calls and two shop overhauls every day.

"Too many of these calls," John



Proper way to erase as shown by Betty Hall, 4222.



—Felix fixes.



—"Dr." Sieglitz on call.



COMPLETE OVERHAULS are performed in the shop at the rate of an average of two a day. Here Felix Padilla (left) works on a typewriter while Bill Olheiser overhauls a calculator.

says, "are for troubles that could easily have been avoided."

His repairmen agree wholeheartedly and Felix Padilla, who has had 17 years experience in typewriter repair, offers some tips for typists.

Careful Erasing

"Run your carriage out to the side before you start erasing. Grit from erasers causes more abrasive wear and jamming than all other causes put together.

"This is a dusty climate, especially with spring coming up. Cover your typewriter when it's not in use and you can avoid both cleaning and abrasion.

"Don't go off your trolley—and that's no joke. Bent and dented machines are often the result of someone being careless with the typewriter platform that runs on a trolley in the desk typewriter well. Too often the machine is in the wrong position and when the platform is raised by its heavy spring the machine slams into the top of the desk well and is damaged."

The repair and cleaning of calculators and adding machines is handled by Bill Olheiser who was trained at the Friden Calculator Machine agencies in Albuquerque and El Paso.

Hands Off

"When something goes wrong with your calculator," Bill says, "leave it alone. A simple repair job can really be complicated by people punching keys and working levers after the machine is jammed. It makes tracing the original cause of trouble a lot more difficult.

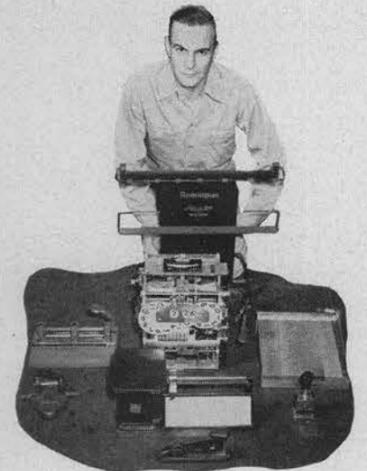
"It's also a good idea to give your calculator carriage room to move. Otherwise it will hit an obstruction and likely throw something out of whack, causing a jam or damage or both."

Lee Jarvis and Joe Sieglitz echo Felix and Bill's advice and add this of their own:

"Don't ever force a machine. Chances are you'll treble the trouble. Most office machinery is built to take a pretty good beating before going wrong so just a little common sense in handling and caring for your equipment is usually all that's needed."



Pat Griffin, AEC, and ditto machine



MISCELLANEOUS office equipment such as these items are repaired by Joe Sieglitz (above) and Lee Jarvis.



"See, it's stuck," Loretta Nemes, 5143, shows repairman Lee Jarvis.

Sandia Employees Are Sports Minded— Several Hundred Participate in '52

Sandia Corporation and AEC employees on Sandia Base prove to be a sports-minded lot, if statistics released this week by the Employee Services division are any indication. A total of 651 employees participated in five major athletic activities during 1952, according to Dick Heim, recreation adviser. This figure covers only organized team-event sports. No accurate figures are available for individual recreational activities such as horseshoes and tennis.

Major Sports

The five major sports include basketball, bowling, golf, softball, and touch football.

The 1951-52 Sandia Employees basketball league had a total of eight teams. Games were played twice a week from December to April, and each team played a total of 14 games.

A playoff between the four leading teams at the end of the season determined the 1952 winners. Org. 2241 captained by Ward Hunnicutt copped both the league and championship playoffs. Runner up was 1210.

Bowling Leagues

Four men's and one women's leagues bowled at the Coronado Club alleys during the 1951-52 season. A total of 40 teams were represented. Each team bowled 112 games.

Winning teams in the men's leagues were: Jungle league—Panthers; All-States league—California; Major league—Senators; and Indian league—Hopis. The Scorpions took first place honors in the women's Insect league. The Hopis of the Indian league won a post-season tourney of the leading teams in the men's leagues.

Golf Contests

Jim McRimmon with a low net score of 82-14—68 and Joe Hickey with a low gross score of 77 were the winners of the Sandia Employees Golf Association tournament held in mid-summer in which 60 "duffers" took part. The golfers also sponsored two leagues during the '52 season. A joint tourney was held at the end of the season to determine the winners of the association. The team comprised of Chet Fornero, Sam Johnson and Mal Snyder took first place.

The 2545 Cubs won 1952 softball championship by beating out the 1200 Indians in the post-season playoff. Ten teams were represented in the softball league. Each team played a

total of 27 games in regular league play.

Played Touch Football

A team made up of Sandia Corporation and AEC employees was entered in the Sandia Base Military touch football league and played under the name "Civilians." The Civilians ended up in fourth place in the 10 team league with 4 wins and 3 losses. Jim Schlahta coached the team.

An expanded athletic program is anticipated for 1953. The bowling and basketball league are halfway through their schedules. Both sports will end sometime in April.

The bowling leagues have the same number of teams as last year. However, this year the men's leagues are organized into one bowling association. President of the association is Leroy Huenefeld. Charles Kaspar is Secretary-Treasurer.

Suggestions Invited

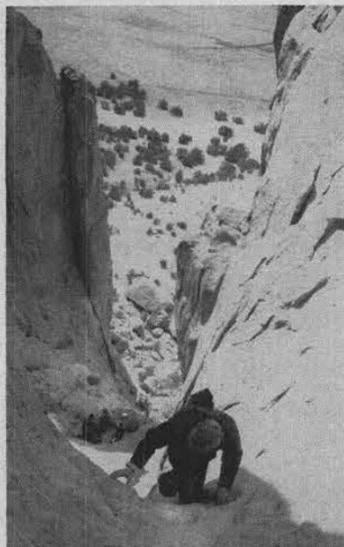
The 1952-53 basketball league comprises 10 teams, an increase of two teams over last year. Each team will play 18 games. A post-season tournament is planned.

Golf and softball leagues will be organized in April with actual play getting underway in May. Organized tournaments in horseshoes and tennis are being planned if sufficient interest is demonstrated.

Suggestions for other athletic activities will be welcomed by the Employee Service office. Anyone interested in making suggestions, or desiring information may contact Dick Heim, ext. 29157.

Anyone for Polo?

Local riding enthusiasts are forming a club with the ultimate purpose of organizing a polo team. No previous experience in playing polo is needed, according to Ed Schorr, 1261. Those interested in learning more about the club's plans are urged to contact Ed at ext. 4150.



EXPLORING NEW MEXICO'S Enchanted Mesa on a recent hiking trip were members of the New Mexico Mountain Club. Above is a rock's eye view of the climbers.

Several Climbs On Schedule for Mountain Club

Of interest to outdoor exercise fans:

Members of the New Mexico Mountain Club have scheduled a trip to the Sandia Mountains Feb. 1. The trip will start at 8 a.m. from Nob Hill drugstore and members and guests are asked to bring their own lunch and drinking water.

An overnight trip is set for Feb. 8 for an exploratory trip to the southern part of the state, and on Feb. 15 there will be a ski hike from the ski tow at Santa Fe to Lake Catherine. More rock climbing in the Albuquerque area is planned for Feb. 22.

Gerry Tebbe, 2464, and Hank Tendall, 1211, are on the program committee for the club. They've announced a new schedule will be published late in February following a business meeting of the members, date for which to be announced shortly. Among other Sandians in the Mountain Club are Monte Lawton, 2441, Bill Stamm, 2442, Maribel Dyke, 4222 (1284), George Andrews, 2123-6, Ted Smart, 5343-2, Dick Heim, 3122, and Jim Wilson, 5131, who is an instructor in the group.

ABC Sanctioned Bowling Tourney Will Begin Feb. 7

Plans for the coming Coronado Club Bowling Association handicap tournament are progressing, according to Charles Kaspar, 3153, General Secretary of the tournament. Deadline for entering the tournament was last week.

The tourney, which will be conducted only on week ends, will begin February 7. Officials of the bowling association estimate that the tournament will last three week ends.

Five man team, doubles and singles matches will be held. However, individuals may bowl only once in each event. Established averages in 21 games on or before January 23rd will be used as a basis for determining the handicaps.

The tournament is sanctioned by and will be run according to American Bowling Congress rules.



BILL THOMAS paused for this snapshot at La Madera Ski Run on a recent Sunday outing with his family.

Bowling

ALL-STATES LEAGUE

Team	Team Standings	Won	Lost
1. New York	36	24
2. Oklahoma	34½	25½
3. California	34	26
4. Iowa	30½	29½
5. Indiana	29	31
6. Wisconsin	27	33
7. Illinois	24½	35½
8. Michigan	24½	35½

Team and Individual

High team series: Michigan, 2493.
High team game: Michigan, 886.
High individual series: Fellows, Haskell, 579.
High individual game: Gorry, 227.

Top 10 Averages

Parsons 171, Ginther 167, Schenke 163, Lindquist 162, Schultz 160, Fellows, Muchowski 159, Thierman, Allman 158, Smith 157.

JUNGLE LEAGUE

Team	Team Standings	Won	Lost
1. Lobos	42	22
2. Wildcats	37	27
3. Lions	36	28
4. Gophers	35½	28½
5. Mustangs	34	30
6. Rabbits	28	36
7. Bears	25½	38½
8. Panthers	18	46

Team and Individual

High team series: Lions, 2630.
High team game: Wildcats, 932.
High individual series: Stradford, 609.
High individual game: Mills, 233.

Top 10 Averages

Maxwell 180, Davis 177, Duffield 173, Rowe 172, Campbell 169, Mills, Findlay 168, Stradford 166, Hickey, Sweede, Cook 165.

INDIAN LEAGUE

Team	Team Standings	Won	Lost
1. Arapahoe	33	23
2. Potawatomi	32	24
3. Hopi	29½	26½
4. Apache	28½	27½
5. Mohawks	27	29
6. Blackfeet	27	29
7. Navajo	25	31
8. Zuni	22	34

Team and Individual

High team series: Apache, 3121.
High team game: Apache, 1184.
High individual series: Lloyd, 729.
High individual game: Lloyd, 279.

Top 10 Averages

Nendell 184, Parsons 173, Whitney, Malley, Abbott 170, Stone 169, Lloyd, Leonard 168, Northrup 166, Fink, Horne 165.

LADIES' "JEWELLETTE" LEAGUE

Team	Team Standings	Won	Lost
1. Zircons	42½	21½
2. Emeralds	38	26
3. Onyx	38	26
4. Turquoise	34½	29½
5. Sapphires	30	34
6. Diamonds	25	39
7. Garnets	24	40
8. Jades	24	40

Team and Individual

High team series: Garnets, 2183; Zircons, 2157.
High team game: Garnets, 765; Zircons, 758.
High individual series: Fauerbach, 564; Masak, 529.
High individual game: Fauerbach, 229; Poston, 201.

MAJOR LEAGUE (DOWNTOWN)

Team	Team Standings	Won	Lost
1. Mackey	47	21
2. Stromberg	43	25
3. Ace	40	28
4. Neis	36	32
5. King	35	33
6. Hassebrook	34	34
7. Sowell	33	35
8. Patterson	32	36
9. Hobson	31	37
10. Corners	27	41
11. Jacks	26	42
12. Chicks	22	46

Top 10 Averages

Vinovich 184, Frantz 172, Maxwell 170, Johnson, Rappayleca 168, Kerl, Duffield 167, Redburn 166, Reed, Blain, Gasta 165.

Employee Basketball League Standings

Team	Won	Lost
Boilermakers	7	0
Hoosiers	6	1
Badgers	4	1
Gophers	6	2
Spartans	3	5
Wildcats	2	5
Hawkeyes	2	5
Buckeyes	2	6
Wolverines	2	6
Illini	2	6

TOP AVERAGES

Name—Team	G	FG	FT	TP
1. Emerick—Spartans	7	38	21	89
2. Schulz—Gophers	8	38	16	72
3. Olguin—Hoosiers	6	23	9	35
4. Winters—Hoosiers	6	24	5	53
5. Christopher—Wolverines	7	23	7	53
6. White—Badgers	5	22	6	50
7. Cushman—Spartans	6	20	9	49
8. Barela—Buckeyes	5	21	5	47
9. Dunlap—Hoosiers	5	22	0	44
10. Crabbe—Wildcats	6	17	10	44
11. Lang—Boilermakers	6	20	4	44



"SEEMS TO ME," muses Norma Coombs, AEC, "all I need is a couple of strikes and I'll break 100 easy." Henry Strauss, 2310, doesn't seem interested. The picture was snapped at the Coronado Club alleys recently.

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—

Television set, 20 ins., complete, less cabinet. \$150, Weber, ext. 25143 or Alb. 5-5090.

1940 Plymouth, 4-door. \$200. Hevert, ext. 33134 before 5.

Enlarger, Model 219. Will accept negatives up to 2¼ x 3¼. Glassless negative holder for 2¼ x 2¼. Price, \$25. Alb. 5-6938. Hollowax.

"Olds" 4-door, 1934 model; good tires, heater, "turn" lights, 1953 license. \$135. Scott, ext. 28258 or Alb. 3-4709.

House trailer, 1949 Road King, 25 ft., modern, apt. size range, refrigerator. \$1600, Moody, ext. 27125.

Sealy orthopedic mattress, twin size, almost new, \$45, Jansen, Alb. 6-0855.

Frigidaire automatic washing machine, \$150 or best offer. Kinne, ext. 3-2244 or ext. 3-1198.

G. E. wringer type washing machine, 2 stationary tubs, \$50. Armour, ext. 31251 or Alb. 5-0321 even.

"48" Chevrolet 2-door aero sedan, new paint, new rubber, "loaded." Can be seen at 824 Palomas Dr. SE or call Alb. 5-9776; North.

Siamese kittens; also 15 gallon aquarium with plants and fish. Straley, 2708 Truman St. NE, Alb. 5-9869.

Rugs, 9 x 15 cinnamon frieze, \$75; 9 x 10½ green tone-on-tone, \$45. Both good and with pads. Neidel, 2115 Hendola Dr. NE, Alb. 5-3051.

Restricted residential lot, 65 ft. x 135 ft., 4 min. from base, north view, utilities, \$750 cash, Washburn, ext. 4245.

Console radio, regular and short wave bands, phono and recorder jacks. Sacrificing for \$32. Garratt, ext. 22160 or ext. 21290 after 5.

Motorola TV portable set, light leather case 8 inch screen. Make offer. Morrissey, Alb. 7-9583 after 5, or ext. 28260.

Frigidaire, 8 cu. ft., \$150. Adams, Lot 35, El Rancho Trailer Court, 201 Wyoming Blvd. SE after 5.

12½ in. TV set, table model with phono, jack, good picture, \$100. Also 10 in. TV set, console, \$75. Reimholz, ext. 5287.

2-bedroom house on large lot in excellent heights location. Completely landscaped front and rear. Patio and tiled bath. Substantial down payment required. Oxenham, ext. 29256 or Alb. 5-7618 after 5.

Bicycle: man's lightweight 3-speed Schwinn "World Traveler," blue and chrome, thornproof tires, oversize seat, basket, stand, lock, 8 mos. old, \$55, Harding, 3226-34th St., Apt. "O", ext. 33197.

Furniture: pair of upholstered chairs with down filled T cushions, covered in coral boucle, \$30 each; walnut desk, 30 in. x 50 in., \$35; Duncan Phyfe Table, mahogany, dimensions—open 44 in. x 38 in., closed, 44 in. x 38 in., \$30. Schorr, ext. 4150 or Alb. 5-7234.

House, by owner, 3 bedrooms, 1½ baths, landscaped, wall refrigerator and garbage disposal, Inez Addition, \$12,800. Carrievau, ext. 33134, Alb. 6-2292.

1940 Plymouth, good transportation, almost new tires, clean good finish, heater, \$150. Domme, ext. 4151.

2-wheel trailer with tarp and hitch, \$75; baby buggy, almost new, \$18; Grosvenor, ext. 25160 or see at 1832 Dakota NE.

Equity and \$49.60 per month (G. I.) will buy two bedroom, den, home. Walled and landscaped. Near Sandia Base. Owner, Morse, Alb. 7-1411 ext. 394 before 4:30. 8604 Summer Ave. NE.

Two Colt Frontiers, 4¼ barrels, .32-20 and .44-40 calibers, reblued and in good shooting condition. \$89 each or best offer. Graves, ext. 32155.

Iron bed and springs, ¾ size; 1 metal top ironing board, new; see at 937 Ortiz Drive SE, Randall.

Have Model IV Cannon, 35 mm. camera with f 1.9 lens. Will sell or trade for movie camera and equipment. Randle, ext. 2-6260 or Alb. 5-0420.

'49 2-door Deluxe Chevrolet, R and H, only 30,000 miles, \$1195, Snyder, Alb. 5-3796.

1949 Studebaker, R and H, with overdrive. Wallick, ext. 31154 or Alb. 5-6279 after 5.

5½-ft. child's skis with clamps, \$5. Lind, ext. 7242 or Alb. 3-0127 after 5.

3-cushion divan, blue, \$60, Harding, ext. 33197.

Wringer type washing machine with 2 portable tubs, \$50; also 1949 Whizzer bike, make offer. Reed, ext. 4146 or Alb. 6-2316.

Or trade for what-have-you: baby bed and mattress, Flowers, Alb. 6-1656.

Baby bed and mattress, Forcum, Alb. 6-3147 after 5:30.

Baby bed (up to 6 yrs. old), Litz, Alb. 6-3246.

Streamline side car for Cushman Motor Scooter, Baca, Alb. 2-5955.

1950 4-door Pontiac, hydramatic, R and H, \$1575, McKay, ext. 25145 or Alb. 5-5658.

Contax II with F:2 Sonnar lens, \$150. Also Voightlander Vito II with Kontor finder, \$45. Karo, ext. 37278 or Alb. 2-1259 after 5.

Upright piano, Storkline baby carriage, baby swing, baby car seat. Make offer for all or part, Hicks, ext. 27144, 321 Manzano St. NE.

New Eagle Cushman Motor Scooter, used 1 month; has windshield and wind break, \$50 cash and take over 9 payments of \$27 a month. May be seen at 416 Harvard SE, Stamm, Ext. 26259.

Refrigerator, \$65, Meloche, ext. 21236 or Alb. 7-8539.

Wire Recorder unit and converter in aluminum case, plugs into radio; Wireway unit and St. George bias osc. preamp. and 28 hours of wire spools, \$60. Barwick, ext. 6259 or see at 3145 Country View.

Craftsman 6 in. swing metal lathe, complete with 1/3 HP motor, 4 jaw chuck, 3 jaw Jacobs chuck, grinder, tool holder, tool bits and bench, used only twice. Total value is \$213.47—will sell for \$125, Galloway, ext. 6150.

1949 Pontiac 8, hydramatic, 4-door, Gunn, ext. 26154 or see at 8806 Phoenix Ave. NE after 5.

Used Thompson and Son upright piano, see at 7410 Sky Court Circle NE, Meekins, ext. 33236.

Must sacrifice 165-Stinson Voyager, never damaged, always hangared, all extras, reasonable as owner being transferred. Rivard, Alb. 5-9209 after 5.

3 matching blond occasional tables, \$50, Hungate, Alb. 4-2256.

1950 Studebaker convertible commander, loaded, \$1475, Peppmueller, ext. 22147.

Man's ski boots, for size 10 or 11 shoes, never used, \$10. Goodman, ext. 27158 or Alb. 5-0675.

WANTED—

Ping Pong table, sectional, Jackson, ext. 7165 or Alb. 6-0318.

Movie Editor, 8 mm., action type, and movie titler. Russell, ext. 4254 or Alb. 5-6776.