

# SANDIA BULLETIN

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SANDIA CORPORATION, ALBUQUERQUE, N. M.

NOV. 9, 1951



1918 Armistice Day 1951

Many years have slipped by since that November 11 in 1918 when young Travis Bogue, a corporal in the Coast Artillery, heard the war had ended. Thirty-three years have passed, but the memory of the men who fought for their country has not been dimmed by time. Neither has the purpose for which they served their country. Travis now works for Sandia Corporation in 2114-2.

## Sandian Helps Design Life Saver for Jet Pilots—It Shoots Them to Safety

Sandia residents who saw a jet plane burst into flames over the south mesa a few weeks ago were unaware that one of the men who helped make the pilot's escape possible works right here at Sandia Corporation.

You're up 20,000 feet rocketing along at a top secret speed in an F-86 when suddenly something goes wrong. Your controls jam and the instrument panel dials spin crazily. You've got to get out of this thing and fast, but how?

### Trapped in Jet

Your speed is so high that ten men couldn't push back the cockpit canopy against the outside air pressure. You've got your parachute on but it's no good unless you get out of this screaming jet. In seconds it will be too late. What do you do?

Both hands grab handles on the arms of your seat and pull up. There's a noise like a shot, which you can't hear because you're going faster than the speed of sound, and the canopy disappears from over your head.

There's another soundless shot, a jolt, and suddenly you're alone in space, still in the seat, and the jet is a streak in the distance. With your fist you slam a disk on your chest and the harness around your body opens and the seat falls away. You pull the ripcord and you're floating lazily down toward the earth far below, offering up fervent thanks to the men who designed the jet ejector seat.

### Thank the Engineers

Richard N. Browne, formerly of North American Aircraft, presently of the Sandia Corporation engineering staff, is one of the men who is responsible for the fact that more and more jet pilots live to join the Caterpillar Club after running into trouble upstairs.

With the development of jet planes after World War II, aeronautic experts were faced with a big problem. Were jets to become flying coffins? Seconds separate life and death in a flaming airplane. If the speed of jets prevented bailing out, were the fliers of the future to become suicide pilots?

North American was one of the aircraft companies the Air Force asked to find the answer. In turn North American called on a man with 12 years experience in aircraft design—Dick Browne. Within a year Dick, who now works here in 1261, and his co-workers turned out the first model of the jet ejector seat that is now a part of each jet plane.

### Ejection Is Problem

At the start of the project they were faced with the need of a device that would shoot a man 50 feet in the air out of a plane traveling at a terrific speed and do it in a tenth of a second. How to get rid of the canopy before ejecting the pilot and how to get the pilot out of the ejector seat once he was free of the plane were side problems.

The engineers had to design a seat that would stand 6,600 pounds sudden pressure. The explosive used

had to provide enough force to whisk man and seat out of the plane against the air pressure, high enough and fast enough so that the plane's rudder wouldn't bisect the pilot. Most difficult of all, they had to design the whole contraption so that it would fit inside the plane.

They built the seat to ride on wheels and rollers and wired the controls to a little hand grip on one of the seat arms. There was one on each arm and once ejected the pilot could hold on to them to steady himself in the seat. The moment the pilot decided to bail out he would trip the release, setting off a synchronized chain of events in rapid succession.

### Blast Pilot Out

First the pilot's adjustable seat dropped down, then an explosive shot the canopy entirely clear of the ship and finally a blank 37 mm. cartridge mounted in a telescoping tube attached behind the seat went off blasting the tube to its full length and in turn throwing the pilot, seat and all, out into space.

In the air the pilot would hit the disk on his chest connecting the harness and the seat would fall away, leaving him free to release his parachute. If he was unconscious as he was ejected a small box strapped under the disk held an altimeter and at a certain height a charge would go off, acting the same as a fist hitting the disk. Then as the unconscious pilot was freed of harness a line from seat to parachute would be pulled, the chute would open and he would be safe.

Sounds simple, but the year it took to get a workable model was a year of sweat and tears. Dick will testify.

Still he feels understandable pride in being able to go over to Kirtland Field and watch the jets take off, knowing that the pilots have a fighting chance when the chips are down.

## R. E. Poole Speaks To Civil Engineers

An address by R. E. Poole, Director of Development, was presented at the Nov. 2 meeting of the American Society of Civil Engineers, New Mexico Section.

The dinner meeting was held at La Cocina with approximately 70 New Mexico civil engineers and engineering students attending. Mr. Poole's talk centered around a general discussion of Sandia's part in the atomic energy program and "What Sandia Means to New Mexico."

## R. J. Hansen Named 2200 Superintendent

Robert J. Hansen has been promoted to superintendent of 2200, it was announced recently. Mr. Hansen was formerly department manager of 2220.

Before coming to Sandia Corporation in 1948, Mr. Hansen acted for



R. J. Hansen

two years as plant superintendent of Fram Corporation, Independence, Kans., a manufacturer of oil filters.

From 1945 to 1946 he was superintendent of plants in Independence and Wichita, Kans., for the Erie Basin Metal Products Company. Prior to this position Mr. Hansen was employed for 16 years by the Parkersburg Rig and Reel Company, manufacturers of oil field equipment. For nine years with this firm he was works manager of plants in Houston, Tex., and Coffeyville, Kans.

Mr. Hansen studied architectural engineering at Kansas State College before joining the Parkersburg company. At present he is president of the Sandia Base Parent Teachers Association. The Hansens live on the Base and have an 11-year-old son and a 6 year-old daughter. Mr. Hansen is also a member of the Exchange Club, international service organization.

## Three Joint Atomic Committee Members Visit Corporation

Three members of the Joint Congressional Committee for Atomic Energy visited Sandia Corporation recently on an inspection tour. They were Congressman Carl Henshaw of California, Congressman Charles Elston of Ohio and Congressman Melvin Price of Illinois. John S. Walker, a staff member of the committee, also visited the base with them.

While at Sandia they held conferences with members of the staff and were given several demonstrations and lectures on the work of the Corporation.

## Blood Bank Team Will Return to Sandia Next Month

A Red Cross mobile blood donation unit will be in Albuquerque for four days, November 26 through 29. The unit will be located downtown two days and at Kirtland Field for two days.

Since the travel schedule of the unit, which is based in Tucson, Ariz., would not permit a holdover to visit Sandia Base, arrangements have been made for the unit to return in late December or early January. At that time the equipment will be located on Sandia Base and employees of the Corporation will be given time off at the end of the day to donate blood.

## Instrument Society Meets November 19

The application of instruments to industry will be depicted in the film, "Principles of Automatic Control," to be shown at a meeting of the Instrument Society of America, Monday, Nov. 19.

The group will convene at 8 p.m. at Mitchell Hall, University of New Mexico in room 102.

M. T. Muzzey, 3124-1, the Society president who will preside at the meeting, has invited engineers interested in this film to attend the meeting.

## L. A. Hopkins Is Appointed Director Of Engineering II

L. A. Hopkins, Jr., formerly department manager of 1270, has been named Director of Engineering II, 1300, re-



L. A. Hopkins, Jr.

porting to R. E. Poole, Director of Development.

Mr. Hopkins came to Sandia in the early days of the Laboratory in September, 1946. His first job was section leader in electronics development. The employees who were here in those days will remember the section as Group Z-5.

A graduate of the University of Michigan in the class of 1941 with a degree in electrical engineering, he went to work for General Electric company and in April, 1941, was called to active duty with the army.

He served in the Signal Corps and Air Corps for five years with two and a half years of foreign duty in Panama. While in the service he was engaged in ground radar work.

Released from the Air Force in September, 1945, with the rank of major, he returned to the University of Michigan where he received a master's degree in electrical engineering in August, 1946. He came to work at Sandia Base the next month.

Mary Kate Manion and Lou were married in Orlando, Fla., June 16, 1945. They live on Sandia Base.



A JET PILOT'S LIFE is safer, thanks to the jet ejector seats that Richard N. Browne, lower right, helped develop. If something went wrong with this

F-86 Sabre Jet the pilot would have a chance to get clear and parachute to safety. He'd be shot from his cockpit by a 37 mm. shell.

# SANDIA BULLETIN

Friday, November 9, 1951

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

Robert S. Gillespie, Editor

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Telephone Ext. 25253



## Don't Give a Ghost a Chance

"Do you believe in ghosts?" a father once asked his little boy. The youngster answered, "Nope, but I saw one once."

Come to think of it we don't believe in ghosts either, but we still see 'em every day.

If you are an average person you'll say, "Ghosts and spooks, they're kid stuff." Perhaps the kinds of spirits you are thinking of are child lore, but there are some very real ghosts which go far to haunt us today.

Let's list a few:

Apathy  
Carelessness  
Self-satisfaction  
Loose talk  
Horseplay  
Tardiness

We could go on and dig up some more examples, but you know what they'd be anyway. They are the specters which slip into our attempt to set up the greatest defense program the country has ever known.

It is not necessary to expand upon these ghostly threats to our defense work. They are here, we know it, we fight them, and still there is a fear we are making little headway in our battle.

Our witches thrive on prosperity which is tempered with the belief that "it can't happen here." Unlike the child's ghosts, these "spooks" find a welcome from a large number of us. Too many people encourage their ravages, and still expect our American way of life to thrive. We cannot have both the ghosts and independence indefinitely. One will win—the other will disappear.

Let's take a tally on the situation by asking ourselves a few questions:

1. Do we take freedom as a birthright, or do we believe it is our duty to vigorously fight for its perpetuation?
2. Do we perform our jobs well, or do we do enough just to get by?
3. Are we so good in our work we don't have to be careful?
4. Do our tongues work faster than our brains?
5. Are we proud of our attendance at work?
6. Do we clown to the amusement of our co-workers and detriment of our job?
7. Are we one of the people known as "The Late Mr. Whosis"?

If your answers are on the credit side of the ledger you are probably not contributing to the human frailties which are haunting our war effort.

## Swing Expert Will Preside at Coronado Club November 24

Ernie Fields, versatile "Crown Prince of Swing," brings his accomplished musicmakers to the Coronado Club bandstand Saturday night, November 24.

The big Fields show is headed by the fabulous Frank James, sensational one-legged dancer, and vocalist Jo Jo Evans, contralto stylist billed as the "Goody Goody Girl."

Long a starring orchestra throughout the southwest, the Fields outfit has continually placed high in nationwide band rankings. A recent poll put him alongside Duke Ellington and Count Basie in popularity.

This affair will draw a big crowd, according to the Coronado Club management, and they advise making early reservations. The charge will be \$1.50 per person for members and \$2.00 per person for guests.

## Funeral Services for Jack Morehouse Are Held at Sloan, Ia.

Jack Morehouse, 3221, died last week following an operation at St. Joseph's Hospital. He was 22 years old. Funeral services and burial were held at Sloan, Ia., last Monday.

He is survived by his sister, Mrs. Madelyn Smith, with whom he lived at 805 South Georgia St., his parents, Mr. and Mrs. Lester F. Morehouse, of Calipatria, Calif.

Jack was a veteran of two years service in the Navy. Before joining us he was employed for two years by the Bank of America in California. Employees of Sandia Corporation extend their sympathies to his family.

## What's My Line?



### What is her job with Sandia Corporation?

She spends most of her working hours on her feet. She works with paper and ink, but not the kind of ink you could put in your pen. She's used to seeing the same thing over and over again and part of her job is to see that there's no variation. She has a vital role in document handling at Sandia Corporation. See page 5 for the answer.

## Tool Engineers Hear Eastman Kodak Engineer Tonight

"Inspection by Optical Projection," an illustrated lecture, will be presented by W. DeBoer, vice president of Eastman Kodak Corporation, at a meeting of the American Society of Tool Engineers tonight. A dinner at 6:45 will precede the 8 p.m. meeting at the Franciscan Hotel, according to Herb Anderson, 1251, publicity chairman.

## Dances, Dinners at Coronado Club During Month of November

Tomorrow, Sunday and Monday the Coronado Club dining room will be closed while repairs are being made in the kitchen. The Tech Area lunchroom will also be closed over the Armistice Day weekend. That won't stop the festivities tomorrow night, however, when Don Lesman and his band will play at an informal dance from 9 to 1.

Square dancers will step high again next Friday, Nov. 15, from 8:30 to 11:30 p. m. A band and refreshments will be on hand to make the occasion as enjoyable as usual.

The best bands in the land will provide music via juke box for the dance to be held the next night, Saturday, Nov. 17. Couples will pick their favorites from 9 to 1.

It's Bingo on Wednesday, Nov. 21, and the Club will be packed with hopeful members and guests trying for the big jackpot.

The chance to fill up on a delicious turkey dinner will be provided on Thanksgiving Day, Nov. 22. The sumptuous dinner will be served from 2 p. m. until 8 p. m. in the Coronado Club dining room. The charge will be \$2.50 per person and \$1.25 for children.

The "Crown Prince of Swing," Ernie Fields, will bring his band and show to the Club Saturday night, Nov. 24, from 9 to 1. His show includes Jo Jo Evans, who has co-starred with Billy Eckstine, and Frank James, a sensational one-legged dancer.

A buffet dinner-dance is scheduled for Sunday, Nov. 25. The buffet will be from 5 to 7:30 p. m. and the dance will be from 6 to 10 p. m. It will all cost only \$1.75 per person for members and \$2.25 per person for guests.

## SALTON SEA NEWS

Mrs. Arthur Merrill was guest of honor at a birthday party recently at the San Felipe Lodge. Those present were Jesse Severson, Leota Cain, Barbara Dirnberger, Hazel Dirnberger, Gayle Schnarr, Betty McNabney, Sylvia Quinones, Ima Jean McClish, June Austin, Addie Omlin, Zilah Wilson, Gladys Keller, Edith Schildnecht, Helen Guess, Francis Hardy and Jeanette Young.

A new lawn is being put in in front of the San Felipe Lodge and soon a carpet of green will welcome visitors. Doing honors in preparing the lawn is Gardener Jesse McBride who is being assisted by Raymond Rootier.

Thirty Salton Sea folks enjoyed a Halloween dance in San Felipe Lodge Wednesday October 31. Music was recorded and coffee and cake were enjoyed by all.

Mrs. Lloyd Wilson is in Henryetta, Okla., visiting her mother, who has been seriously ill, but is now on the road to recovery.

October 31 was trick or treat night at Salton Sea as well as everywhere else in the country. All the youngsters enjoyed the festivities and the pups, who are parts of many families here, were treated by Jeanette Voorhees, daughter of Frances Voorhees.

T. A. Sprink is happy with his new Pontiac four-door sedan. Ted has installed his shortwave radio equipment in the car and can keep in touch with his fellow "hams" while on the road.

Salton Sea personnel is enjoying a business visit from Captain "Pat" Patterson, Joe Alsobrook, and Woody Woodward of the Air Corps. Also temporarily working on the base are T. H. Senter, 1212, H. H. Obergfell, 1212, Joe B. Szymanski, 2415, G. R. Bachand, 1212, and Don Fossum, 1521.

## AROUND THE DEPARTMENTS

Helen Culley was honored on her birthday, Oct. 31, with a buffet luncheon given by members of her organization, 3160.

Irene Palmer, 3160, has a deer in her deep freeze. It was shot by Irene on her vacation in Idaho. She is "real proud" of it.

Bill Jenkins, 3125, will soon have exclusive rights to the bowling ball he's been sharing with Frank Foss, 2464-2, in the Monday night league at the Coronado Club. Frank's wife is presenting him with a tailor-made ball as an advance Christmas gift.

Margaret Wetzel, 2464-2, flew to Wichita recently for a short visit.

Jim Fisher, 1931, has been commissioned an ensign in the U. S. Naval Reserve.

Frank R. Snyder, 2331, is the father of a new son, William Richard. Congratulations to Frank and his wife.

Lucille Rhoad, 3332, is recuperating after being ill in the Base Hospital several days.

An all-department picnic was held by 1100's Oct. 21 near the La Madera ski area. Frank Loomis stayed in a sleeping bag the night before to assure the group of a picnic ground. Soft ball—a game at which Jim Sharp and Dave Webb are aces—was played.

Mr. and Mrs. Mike Doran have returned from their wedding trip in the East where they visited Mike's parents. Mrs. Doran, 1134, is the former Lavaughn Brown.

2523, Cecil Johnson's bailiwick, welcomes Phyllis Hudson.

Elmer Irving, formerly 2210, is now associated with Walt Rosenberg's 2522 group.

Geneva Bishop, AEC, had as recent visitors her relatives from Nashville, Tenn., whom she took to Los Alamos, Santa Fe and Isleta.

Two new employees in AEC are Robert R. Sullivan of Los Alamos and Dorothy V. Walters of Albuquerque. Dorothy was formerly employed at station KOB as traffic manager.

The mighty hunter of 3230—Joe Schauer—bagged an antelope on the slopes of Mt. Taylor. Joe said it got "mighty cold up there at night."

The southern belles of Alabama received a thrill recently when Dick Ballard, 3230, favored them with his presence while he was on vacation. However, he came back to New Mexico alone.

3230 has a new acquisition—Peggy O'Byrne, a transfer from 4231.

Ken Fortman, 1621, recently returned from Mason, Mich., where he attended his mother's funeral. We extend our sympathies to Ken and his family.

Jim Poindexter, 2462, is "winterizing" his home in the country—south of town on the Isleta Highway.

Pete McKenna, 2462, is recuperating from an attack of virus pneumonia.

Doris Harvel, 1540, has a new boy, Charles Dean, born Oct. 9. Charles weighed 6 pounds, 4 ounces at birth.

Mr. and Mrs. Carl Nylander are the proud parents of a son born in mid-October. Carl is in 1251.

The Fred P. Fays recently motored to the Carlsbad Caverns in their new Roadmaster. Fred is in 3230.

Stephen Russo will be home for the Thanksgiving holiday to visit his mother, Helen Russo, 1220, and father, Ben, 1521-3. Stephen is a seventh-grader at Colorado Military School.

Richard Kidd, 1222, has bought a new house in the Mankin addition.

Department 1220 employees recently enjoyed a barbecue party at the Coronado Club.

Theresa Owen, 2533, recently returned from a two-week vacation which she and her husband spent visiting his relatives in Viroqua, Wisc.

Tom Holmes, 2532, has a smile of pride when he describes his new daughter, Pamela, 7 lbs., 3½ oz., born October 19, at 3:15 p.m.

Chet Ricker, 4233, plans to make a fast trip to El Paso over the Armistice Day week-end to do his Christmas shopping in Juarez.

George Browning, 4233, will visit friends in Kermit, Tex., over the week end.

Herbert Deckert, 4233, recently moved from Las Cruces, N. M., to Albuquerque. His move, however, resulted in severe damage to his furniture. Seventy miles out of Las Cruces he found the moving van containing his furniture overturned in a ditch. Every item of furniture was damaged. Oddly enough, however, the chinaware came through safely.

Two of the boys in 1731 are sporting brand new 1951 cars. Frank Irwin bought an aquamarine four-door Studebaker Commander; Gerry Hurley purchased a maroon and cream Buick four-door sedan. Frank still has his old 1940 Studebaker Champion that he drives to work every day.

Dean Heath, 2462, is back from a two weeks vacation in Kansas City, Mo.

Virginia Williams, 1713, entertained her in-laws from Long Beach, Calif., last week end. It was the first time they had the opportunity to see Virginia's 2½-year-old son since he was 9 weeks old.

G. C. Hollowwa, 1711, is back from his two-week vacation, one week of which he spent in Albuquerque, while the other was spent in Dallas. In Dallas, G. C. attended the Texas State Fair, and he assures us that it is the largest annual fair in the world. The day he attended there were 135,000 people present, and this was one of the poorly attended days.

Tonight the Coronado Club will resound with merry laughter as 1710 has a department party for all 1710 employees and their husbands, wives and girl friends. Betty Moore and Virginia Williams will be in charge of arrangements. About the only members of 1710 not expected to be present are Bob Armstrong, 1712, and Walt Hook, 1713. Bob and Walt are getting an early start tonight for a hunting trip to the northern part of the state (barring any objections from their new babies).

Clayton D. Blackwell, formerly of 2471, reports that he is at sea off Korea on a destroyer "steaming around like mad." He reported to his ship at sea and was transferred aboard by a high line and that was quite a thrill, he says. He wishes to say hello to all his friends in the Corporation.

Two Sandians won high awards at the New Mexico Philatelic Convention at Carlsbad Nov. 1, 2 and 3. C. E. Foster, 2114, won the Grand Award Trophy for the three frames of Belgian semi-postal stamps which he displayed. Joe Toulouse, AEC, was awarded Third Grand Prize for his entry of Mexican overprints.

# SANDIA CORPORATION PROMOTIONS

**ROBERT VON BUELOW** was recently appointed section supervisor of 1282-1. Bob came to us in 1948 with three years experience in electrical engineering with Chicago firms. He served with the Army for four years after graduating from Purdue University with a B. S. in electrical engineering. He is married and has three sons.



**WHITLEY C. SCRIVNER** has been promoted to department manager of 1640. Whitley joined the project in 1947 after spending three years as a research assistant at the New Mexico School of Mines. In 1944 he was graduated from the University of New Mexico with a Bachelor of Science degree in Civil Engineering. He is married and has three children.



**GERALD HINES** was recently appointed section supervisor of 2221-2. For 20 years prior to coming to Sandia this year, Gerald was athletic director and head football and basketball coach at New Mexico A. and M. He was graduated from New Mexico A. and M. with a Bachelor of Science degree and received his masters degree from the University of Southern California. He is married and has two sons.



**JAMES H. DAVIS** has been named section supervisor of 1263-2. Prior to coming here in 1949 Jim was a research associate at Stanford University. He graduated from there with a B. A. in engineering and a masters in engineering. In 1948 he won his Degree of Engineer. He is married and has an 18-month-old daughter.



**JOHN PUHARA** has been named supervisor of Section 1251-4. John has been here since 1948, and previously worked as a tool designer with Douglas Aircraft. He has a B. S. in industrial arts from Arizona State College and one year of a fellowship toward a masters in industrial arts. He is married and has two children.



**DENNIS E. MURPHY** is the new supervisor of Division 1541. Dennis came to Sandia Corporation in 1949. A veteran of nine years in the Air Force, he spent almost two years with AF-SWP as an engineer and pilot with the rank of Captain. Dennis has a B. S. degree in chemical engineering from Kansas State University. He is married and has two daughters.



**MILTON NANCE** is the new supervisor of Section 2222-1. Prior to coming here in 1948, Milton spent five and one-half years with the Air Force in China and Burma. Before entering the service Milton was enrolled at the University of New Mexico. He is married and lives in Tijeras.



**CHARLES S. STACK** is the new supervisor of Section 2142-2. He came to the Corporation last year. Before joining us Charles was working as general manager of a retail store while attending Ohio University, Athens, O. He graduated in 1950. Charles is a veteran of three years service in the Navy.



**RICHARD N. BROWNE** is the newly promoted section supervisor of 1261-1. Dick worked for three years as a design engineer at North American and nine years as a section supervisor at Douglas Aircraft before coming here in 1949. He graduated from the University of Nevada with a B. S. in mechanical engineering. He is married and has a 9-year-old son.



**VERNE E. BLAKE, JR.**, has been promoted to section supervisor of 1211-1. He joined the Sandia staff in 1947. For the year prior to coming here Verne was a mechanical engineer with a technical crew at the New Mexico School of Mines. He was graduated from the University of New Mexico with a B. S. in mechanical engineering.



**WILLIAM B. FEARS** has been promoted to section supervisor of 1512-1. He joined us in 1949 after graduating from the University of New Mexico with a B. A. in business administration. Bill piloted a B-24 for three years during the war and before that worked for two years as an engineering draftsman for a firm in Bluffton, O.



**FRANK O. SANDOVAL** was recently appointed supervisor of Section 1263-4. Frank came to us in 1948 after graduating from the University of New Mexico with a B. S. in electrical engineering. He spent two years with the Navy and four years with Consolidated-Vultee Aircraft Corporation as an electrical engineer. He is married and has a 3-year-old son.



**SAMUEL A. MOORE** has been named supervisor of Section 1283-1. Sam's experience includes almost nine years as a turbo jet performance engineer, engine test engineer, and powerplant engineer, the latter while an Air Force captain. He has a B. S. in mechanical engineering from Rhode Island University. He is married and has a 7-year-old daughter.



**GEORGE H. MAULDIN** was recently appointed supervisor of Division 1213. George joined the staff in 1949. Previously he was a research associate at the University of Michigan for one and a half years. A graduate of Mississippi State University, George holds a Bachelor of Science degree in electrical engineering. He is married and has two sons.



**VAL G. BLACK** has been appointed supervisor of Section 1211-2. Val came here in 1949 from Los Alamos where he worked for two years as a mechanical engineer. He is a graduate of the University of New Mexico with a B. S. in mechanical engineering and a veteran of three years in the Navy. He is married and has two children.



**LOUIS G. STEWART** is the newly appointed supervisor of Section 1522-2. Louis came here last year after working for five years with Packard Manufacturing Corporation. He is a veteran of three years with the U. S. Army Signal Corps. Previously Louis worked 15 years with Western Union Telegraph Company. He holds a B. S. in Electrical Engineering from Ohio State University. He is married and has two children.



**DAVID ESSAD** was recently appointed section supervisor of 1213-2. Dave has 16 years experience as an electrical engineer. Included in this background are three years spent as a lieutenant in the Navy working on radar. Dave graduated from Michigan College of Mining and Technology with a B. S. in electrical engineering. He is married and has two sons.



**FRED F. EICHERT, JR.**, is the newly promoted division supervisor of 1251. Prior to joining us in 1949, Fred had his own contracting business in Mojave, Calif. For nine years he was with Douglas Aircraft as foreman of the master layout department in engineering. Fred studied engineering at Santa Monica City College, Calif. He is married and has two children.



**HOWARD J. SMYTH, JR.**, has been promoted to section supervisor of 2464-2. Howie came here last May with four years experience as a high school social studies teacher and athletic coach at New Milford, N. J., and Haverhill, Mass. He graduated from Boston University with a B. S. in education. Howie is a veteran of three years service in the Navy. He is married and has two children.



**JACK L. MILLER** was recently named supervisor of Section 2221-1. Jack came here early this year. He has more than four and a half years experience as parts manager and salesman for two Albuquerque auto firms. Jack is a graduate of a business college in Rockford, Ill., his home town. He is married and has two children.



**RALPH W. WHITSON** has been promoted to supervisor of Section 1283-2. Ralph joined us last year after working for four years as a supervisor of service for an auto firm. He also worked for six years as an engineer prior to spending four years in the Navy. Ralph studied mechanical engineering at the University of Utah. He is married and has two children.



**BLISS M. BUSHMAN** has been promoted to section supervisor of 1213-1. He has been with the Corporation for three years. Prior to coming here Bliss worked for seven months at Westinghouse Manufacturing Corporation in Pittsburgh, Pa. He is a graduate of the University of New Mexico with a Bachelor of Science degree in electrical engineering.



**JAMES KARO** is the newly appointed supervisor of Section 2462-1. He joined the staff here in 1946 after five years Army service. From 1945 to 1946, while in the Army, he worked with the Manhattan Engineering District. Jim is a graduate of the University of Connecticut. He holds a Bachelor of Science degree in chemistry.



**ROBERT B. WILDS** has been promoted to supervisor of Section 1263-3. Bob joined us early this year after graduating from Alabama Polytechnical Institute with a B.S. in electrical engineering. Previously he spent several years with the Federal Bureau of Investigation in the communications department. He is married and has a 4-year-old daughter.



**JOHN J. DAWSON** has been named division supervisor of 1262. John has been working here since 1946, coming to Sandia from Los Alamos where he spent two years as an electrical engineer with the Army Special Engineering Detachment. John has studied electrical engineering at North Carolina State College and the University of Akron. He also has three years experience as a police radio operator. He is married and has a 2-year-old daughter.



**CRAIG SUMMERS** has been promoted to section supervisor of 2222-2. He came to Sandia in 1948 from the University of New Mexico where he had graduated with a B. A. degree. Prior to entering the University Craig worked for two years with Douglas Aircraft Corporation as a production expeditor. At the University he directed the Glee Club and wrote the University's Alma Mater song.



**ARTHUR J. ROTH** has been promoted to supervisor of Section 1263-5. Arthur came here in 1948 from the Submarine Signal Company, Boston, Mass., where he worked as a design engineer for three years. He also spent 18 months in the Navy at the Naval Research Laboratory in Anacostia, Md. Arthur has a degree in mechanical engineering from Villanova College, Pa. He is married and has three daughters.



**EUGENE W. PEIRCE** has been appointed department manager of 3120, replacing C. W. Campbell, who is now manager of Department 1920. Gene is a veteran of 24 years service with Western Electric Company, which includes four years in the Army. Formerly a resident of LaGrange, Ill., Gene and his family came to Sandia in September, 1950. He is a graduate of DePauw University. Prior to his promotion he was supervisor of 3152. Mr. and Mrs. Peirce and their three children live on the Base.



## Carving Religious Figures Is Hobby And Also an Art

If you were to walk into one of the many little mission churches dotting the New England countryside you'd probably see some delicately carved wooden figures adorning the altar. Chances are they were made by Douglas Kennedy, 1251, who has been a spare time wood carver for 22 years.

It all started one day, 22 years ago, when a young couple, who were



**FINISHING TOUCHES** are put on one of Douglas Kennedy's modern Gothic figures. A few of his 60 carving tools are shown. The bas relief head and the nun's figure are practice pieces.

visiting New York City on their honeymoon stopped in at the Little Church Around the Corner, a famous landmark in the great city. Before they left the young husband had an idea.

### Had Creative Talent

Doug has always had a natural talent for drawing and as he says: "When I saw those beautiful Gothic carvings in that little church I had the urge to see if I could do something like them myself."

A short study of Gothic architecture revealed that in modern carving the Gothic has been modified to conform to modern tastes. Most of the frills are gone, leaving clean straight lines.

Becoming engrossed in his new hobby, Doug went to a wood-carving school in Boston at night, where he was working at the time. There he learned that all-important difference between carving and whittling.

"A carver uses both hands for his tool, a whittler uses one hand."

At the night school Doug met other wood carvers who supplied him with hard-to-find carving tools. About that time he had the opportunity that comes but once in a lifetime. A retired wood carver with whom Doug had become friendly offered him a set of 60 tools, all different, at a bargain price. Doug bought them right away and soon discovered that many of those tools are unique—they simply aren't made any more.

### Often Visits Churches

Doug's biggest work of art so far was done for a church in Saugus, Mass. It's an eight-foot panel bearing a carved inscription of the entire Sermon on the Mount.

Doug still works steadily at his carving, practicing and improving constantly. He has set up a work shop in his garage and it may not be long before you'll find little wooden images in some of the local churches carved by Douglas Kennedy to whom art is a hobby.

**ALBERT R. MANDELL** is the new section supervisor of 1262-1. Al joined the project here in 1946. From 1942 to 1946 he was in the Air Force. Al was in charge of electrical component test in the Air Force from 1945 until he came here. He has a B. S. in chemical engineering from City College of New York. He is married and has two daughters.



# United Nations Fighting Team Will Be Visitors on Sandia Base Next Week

A United Nations team of fighting allies will tour Sandia Base briefly next Saturday in connection with a nationwide program to stimulate interest in the defense program.

The 30 veterans of Korean combat in the party represent a number of nations fighting under the flag of the United Nations. They will arrive at the Airport on the morning of Nov. 17, will tour the city and the military bases in special buses, and later will take part in the University of New Mexico Homecoming parade.

The allied warriors will be honored at a luncheon at the Hilton Hotel, to be attended by a number of city and state officials. Anyone may attend the luncheon and all veterans of the Korean campaign are invited to attend free of charge.

The team is one of two currently touring the United States to encourage interest and participation in the Red Cross blood-donor campaign, the Defense Bond program and in Civil Defense.

## Notice

All Naval Reserve officers who have had active service in industrial relations are invited to attend the Volunteer Naval Reserve Industrial Relations Unit organizational meeting at 8 p.m., Tuesday, at the U. S. Naval Reserve Training Center on South Yale.

Those interested in attending should contact Lt. Commander H. J. Baxter through the U. S. Naval Reserve Training Center, phone number 3-1616, or at his home number, 5-1462, after 5 p.m. During working hours he may be contacted at Sandia Base ext. 4226. Callers are requested to give their name, address and telephone number.

## New Officers to Be Elected by Radio Club Monday Evening

Sandia Base Radio Club will elect a new group of officers Monday at the club house on "H" street.

A. David Middleton, W5CA, 1135, a club member and West Gulf Division director of the American Radio Relay League, will discuss recent Federal Communications Commission actions which affect amateur radio operators.

The weekly code practice class is still functioning with Neil Adams, W5RMJ, and E. Earle Fletcher, W5WRS, 1134, in charge of the instruction.

## Notice

The Public Relations office, building 301, has a supply of the recent issue of "Albuquerque Progress" which features Sandia. Copies are available for the asking.

The booklet is well illustrated and would make a nice souvenir to send to the folks at home, to friends, or to keep as a souvenir.

Bob Borah, AEC, has received an appointment as executive officer of the headquarters squadron of the Albuquerque Civil Air Patrol. Bob has also been acting as intelligence officer for the group.



PERRY and BECKY MAGLIDT, children of H. W. Maglidt, 4233, like all youngsters, had fun in the snow this summer in Yosemite National Park.



ASTRIDE his favorite tricycle is Anthony Montoya, son of Lucille Montoya, 2461-3.

# The Family Album

Pictures here include only a very few of the many youngsters of Sandia Corporation employees — perhaps the Sandians of tomorrow. After studying these faces you too will agree that Sandia children, like all other American boys and girls, are a happy lot.



SHEILA AND SHARON O'BYRNE, daughters of Peggy O'Byrne, 4231, were happy about everything when this picture was taken.



TWO PALS TOGETHER are 9-months-old George, son of Mr. and Mrs. H. W. Sharp, and Eric, 12-year-old Boxer. Eric seems to be warning the photographer, "Not too close to my buddy."



L. to R.—Michael Cervantes, son of Bernie, 2121, and Hector Cervantes; Susan Stuart, daughter of Johnnie, 2121, and Joe Stuart; and Byron Christianson, son of Harold, 2112, and Jerry Christianson.



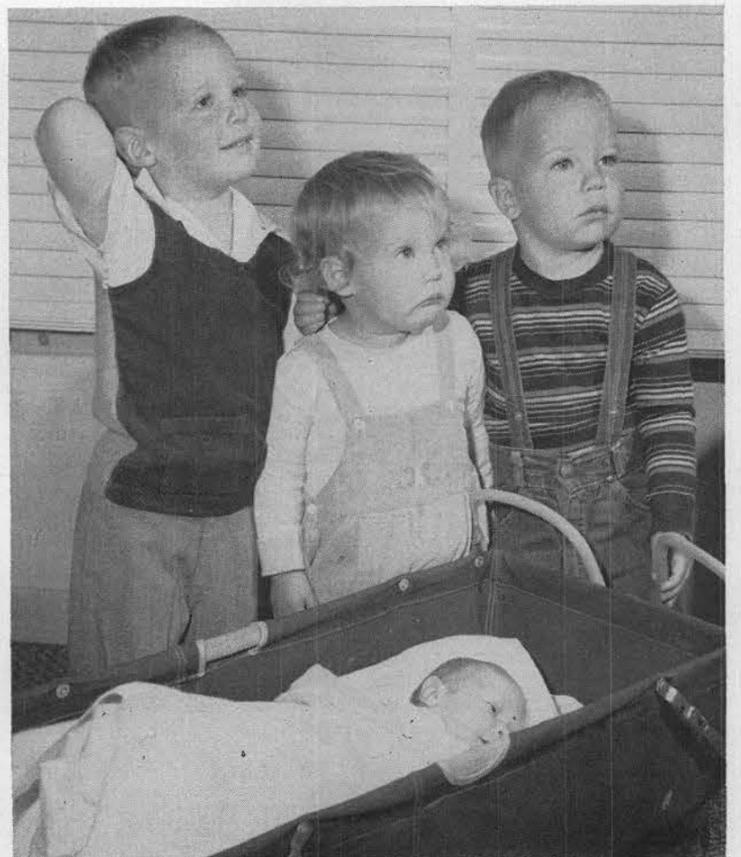
BARBARA DAVIS, daughter of Jim Davis, 1212, recently enjoyed, as we can plainly see, a picnic in the Sandias.



LISTENING TO BEDTIME STORIES are Buster and Betsy Eisenschmidt, children of Betty Eisenschmidt, 3160.



PEGGY BOXX, daughter of Carl Boxx, 2711-3, and some southeastern Missouri wildlife are the subjects in this appealing picture.



AN ADMIRING PUBLIC stands over Jeffrey, youngest son of John K. Merillat, 3122-1, and his wife Jo. From left to right they are Paul Doster, the older Merillat son, and Clancey Ann and David Tarbox, children of Dave Tarbox, 2410, and his wife Clancey. The youngsters have trouble with the pronunciation of Paul Doster and Clancey Ann. They are known as Pete and BaBu.

## New Location of Bank Increases Its Service Facilities

It's easier now to save money. You don't have to walk so far.

The branch agency of the Bank of New Mexico on Sandia Base has moved from its old quarters at the corner of Main Street and E Street to new accommodations between Main Street and Fourth Street, one block south of the Army Finance Office.

The new location is two and a half times as large as the old, according to John Wiening, manager, providing much more customer space. There are counters along three walls and a desk has been provided for customers. There are four teller windows instead of two as in the old building and an extra teller has been added to the agency staff, increasing efficiency one-third, Mr. Wiening said.

Paintings by Mrs. Anne Gere, wife of D. W. Gere, AEC, create a pleasant atmosphere and the agency staff contrives to have fresh flowers on display every day.

The staff includes Mr. Wiening, who is also a notary public, Helen Terrett and Tom Warner. The telephone number is 3-3250 and the banking hours are the same, 9 a.m. to 2 p.m. week days and 9 a.m. until noon on Saturdays.

## Engagements Marriages

Mary Jacqueline Belmer, 2464-2, was married Oct. 20 to Pfc. E. L. Hamilton in Bernalillo. The couple is making its home in Albuquerque.

Announcement has been made of the engagement of Goldie Tibbs, 2470, to



Goldie Tibbs

Jack Hart, 3211. Goldie and Jack plan to be married Dec. 22 in the Base Chapel.

Jean Ambrose of Albuquerque became the bride of Jim Marsh, 4231, Oct. 27 at a ceremony at St. Mark's on the Mesa Church. The couple honeymooned at Bishop's Lodge near Santa Fe.

Jean, a former resident of Gallup, was graduated from the University of New Mexico and did graduate work at the University of Southern California. Jim received his B. A. from the University of Texas and his masters degree from the University of Colorado. He taught at New Mexico Military Institute prior to coming to the Corporation.

*He was a villain, he was a dashing hero, stage hand, advance man and chauffeur as he played the southwest*

## Pauline's Perils Had Nothing on Walrath

Old Uncle Tom was about to take a lashing from Simon Legree. The cat-o'-nine-tails swished back, Uncle Tom cringed, Simon leered. The whip whistled down, the end caught in a tree, the tree fell, the side was pulled out of a house. A frustrated Simon and a saved Uncle Tom were buried under a stack of debris which had been stage props. The audience howled and Lew Walrath, who had been playing Simon Legree, waited for his friends to dig him out of the wreckage and reflected upon the trials and tribulations of a traveling-repertoire player.

### Knife, Gun Mixed Up

Another time Lew, who is now a Sandia Corporation security inspector, was on stage engaged in the grim task of battling for his life. Lew lifted a rubber knife, plunged it down onto the leg of his assailant. The property manager backstage confused his weapons and fired a revolver. The actor fell, grasping his heart. Lew never did know if the audience understood why there was a pistol shot following a stab in the leg after which the victim fell grasping his heart. In fact, Lew never understood either.

It was back in the roaring twenties when young Lew Walrath convinced his parents he could take care of himself. They let him join the Allerita Loomis players who were headed from Ohio for the southwest.

There followed more than 10 years of ups and downs as the troupe staged such epics as Uncle Tom's Cabin, Ten Nights in a Bar Room and lesser known plays such as The Little Girl We All Forgot. The Man from Texas, and Over the Hill from the Poorhouse.

### West-Texas Italian Accent

One-week stands in small towns were the regular schedule. A different play every night and vaudeville skits between the acts made it necessary for the players to have diversified talents. Lew still retains much of his ability to act. He can talk easily with an English accent, in fact he can affect a dozen different accents with little effort. His voice can play many tricks on your ears and one of the cleverest is his impersonation of a west-Texan with an Italian accent. He may not realize the effect of this accomplishment, but it's startling.

The life of a repertoire artist was great until the depression came along, he says. In fact, he goes on to correct himself, it continued to be great, but became less remunerative. The cast was reduced in number, but the show went on. The entire troupe, four people, rode throughout the western states in a



Lew — and — the Spider

1930 sedan. With them in and on the car, were their props, baggage, furniture, and a collie dog. "It was crowded, but it was necessary," Lew reminisces.

### Liked Villain's Role

The depression-sized cast played a variety of parts. Leads, heavies, comedy, all were in the day's routine. The bearded villain was the most popular character for Lew, and he was never happier than when he was on stage as the much-boomed, much-hissed full-bearded bad man called "The Spider."

Like many such ventures the Allerita Loomis players eventually closed their long run. The former stage bad man (matinee) and hero (evening performance) took up the life of a salesman in Albuquerque. During the war he worked at Kirtland Field and in early 1951 came to work for Sandia Corporation.

Today Lew is well settled in Albuquerque, owns a home, has three children, four cars, a saddle horse and a great desire to enjoy life, and live it to the utmost. He also possesses that wonderful characteristic of making you glad you spoke to him.

## Industrial Safety Studied at Meeting By Douglas Macrae

Douglas Macrae, 3171-1, recently attended the 39th National Safety Congress in Chicago. While at the meeting he attended many symposiums, lectures and demonstrations which were designed to help improve the operation of industrial safety departments.

Included in the program were features which placed an emphasis on rescue work following a possible atomic attack. Among the speakers were Rear Admiral Paul B. Nibeker, commander of the U. S. Navy Shipyard at Brooklyn, N. Y., Lt. Commander Helen Jacobs Hull, formerly internationally famous as a tennis star, and Robert Young, well known figure in movies and radio.

Representatives of industry from Canada and England also were present at the meeting and told of the safety programs in their countries.

## What's My Line?



### Ruby B. Groll is a mimeograph operator.

Much of the written material at Sandia Corporation goes through Ruby's automatic mimeograph machine. She has seven years experience in the printing business. Ruby has three children and two grandchildren. A son, Malcolm Groll, 4135-1, and a daughter, Mildred Akers, 2462, are corporation employees. Ruby lives in Albuquerque with her other daughter, her son-in-law and grandson.



DEPARTMENT 3120 PARTIED recently and bid farewell to the department manager, C. W. Campbell, who has transferred to 1920 as department manager. Pictured here Charlie and Mrs. Campbell are being served by Carl Hermanns, Coronado Club Chef, while Frank Palmer of the Coronado Club restaurant staff, looks over his shoulder.

## Men Into Service

Leo P. Apodaca, 1231, an Air Force reservist, was called to active duty recently. He won't be going far, however. Leo's new assignment is with the Special Weapons Command at Kirtland Air Force Base.

Leo has been married for only four months. He came to us in 1948 after



Pena Apodaca



Baker

studying business administration at the University of New Mexico.

Ralph O. Pena, 1915-3, has also been called into the armed forces. Ralph joined the Corporation in 1949. San Mateo, N. M., is his home town but he has lived in Albuquerque for the past eight years.

Leroy H. Baker, 2231-2, has left for the service. He was called by selective service. Leroy has worked at Sandia since October 1950. He was born in Pears, Ill., but he has lived in Albuquerque most of his life.

## New Employees

A welcome is extended to the following new employees who joined Sandia Corporation between Oct. 18 and Nov. 2.

James F. Reed	1121
James N. Demas	1131
Daniel J. Alvin	1251
Grady E. Raybon	1531
James G. Lareau	1532
Paul T. Ryan	1533
Morris G. Goebel	1540
William W. White	1621
James A. Allensworth	1623
Robert H. Thompson	1630
Allen S. Buchanan	1912
Lois E. Johnson	1912-1
Elfides Salazar	2111
Dorothy J. Trigg	2111-1
Eugene C. Wagner	2122-1
Harold A. Conley	2122-2
William F. Leverenz	2123
Henry L. Sellers	2123
Harry C. Furphy	2123
Casper L. Doty	2124
Herbert L. Walker	2124
William F. Stamm	2133
Thelma B. Carpenter	2133
Gerald V. VanGundy	2223
Capri L. Lynn	2223
Juan F. Salazar	2232
Vestal C. Hensley	2232
Robert G. Dodge	2232
Billy J. Dorrenbacher	2235
Price N. Hennan, Jr.	2232
Loy E. Folsom	2241-1
Mary Z. Richardson	2242
Richard A. Miller	2243
Anita J. Kloenne	2331
Dorothy R. Nolasco	2333-1
Betty J. Holder	2333-1
Ann L. Tafaya	2333
Rena J. Thompson	2334
John A. Fackelman	2411-2
Joseph J. Schauer	2414
Raymundo P. Garcia	2415
Stanford E. Wyatt	2452
John W. Frizzell	2452
Florence McCulley	2461-1
Ruth K. Love	2461-2
Roger C. McKenzie	2472-3
Raymond Rootier	2483-2
Florence B. Baldonado	2711
Augustine Apodaca	2711
George L. Pacheco	2711
Roman Garcia	2711
Gabriel M. Baca	2712
Brian H. Finley	3152
Joann F. Marksburly	3152
Chloe Huntington	3153-1
Drucilla M. McElvanney	4222-2
Herbert A. Deckert	4233
Ethel M. Kind	4135

## Coronado Club

THANKSGIVING DINNER — \$2.50  
2 p. m. to 8 p. m.

Choice of:

Fresh Seafood Cocktail Chopped Chicken Livers  
Fruit Cocktail  
Chicken Gumbo Louisiana

Salted Nuts Celery and Olives

Choice of:

Waldorf Salad  
Tossed Green Salad with Danish Dressing

ROAST YOUNG TOM TURKEY WITH  
CORONADO CLUB DRESSING  
Cranberry Sauce

BAKED SUGAR CURED VIRGINIA HAM  
Cumberland Sauce

ROAST PRIME RIB OF CHOICE EASTERN BEEF  
Natural Gravy

BROILED FRESH MONTERREY SWORDFISH STEAK  
Almond Butter

Whipped Potatoes Candied Yams  
New Green Peas

Hot Dinner Rolls

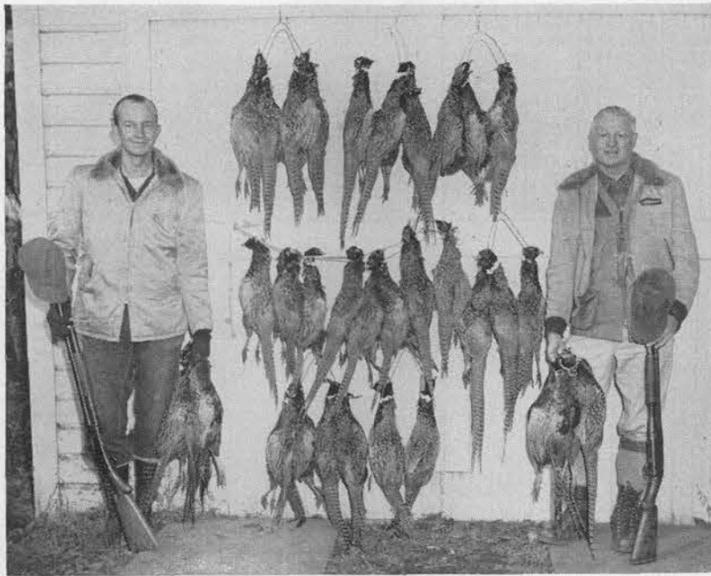
Hot Mince Pie, Brandy Sauce Vanilla Ice Cream  
Pumpkin Pie, Whipped Cream  
Orange Sherbet

Coffee Tea Buttermilk Milk

Children's Dinner—\$1.25



HALLOWE'EN DOES THE DARNEST THINGS and this time it brought a return of Adolph Hitler. C. P. Napoleone, 1912-1, was the responsible man as he portrayed the infamous character at the Coronado Club's Hallowe'en party. The uniform is an authentic German general's outfit which he found in the small town of Mitten, Germany, while on duty with the Third U. S. Army during the war. Daurice Hall, 1281, pictured here with Charlie, portrayed Eva Braun.



HUNTERS HOME FROM THE FIELD pose with trophies of a five-day hunt in South Dakota—30 Chinese ringneck pheasants. Charles Schmidt, 2113-5, and Bill Jobe, 2411, are the two satisfied marksmen.

### South Dakota Is Hunters' Paradise In Pheasant Season

Thirty Chinese ring neck pheasants were brought back from a recent hunting trip by Bill Jobe, 2411, and Charles Schmidt, 2113-5, recently.

Aberdeen, S.D., was the headquarters for the two hunters. They say the country around Aberdeen is famed as a bird hunter's paradise. The pair spent five days there, just long enough to get their limit.

A non-resident hunter's license costs \$20, they report, and the pheasant season lasts for 10 days. The limit is 15 birds per hunter and no more than three may be bagged in one day.

### 167 Newcomers on Roll in October

The month of October at Sandia Corporation saw 167 new employees sign in through the personnel department. There were 112 men and 55 women. Again indicating that Sandia is a young man's company was the fact that the average age of the men was 31 and the women 29. One hundred and twenty-six of the new employees were married.

Following are the states represented by the newcomers:

New Mexico 114; Ohio and Texas 5; California, Colorado and Wisconsin 4; Indiana 3; Arizona, Kansas, Michigan, New York, Missouri and Wyoming 2; Connecticut, Georgia, Iowa, Louisiana, Maine, Maryland, Massachusetts, Minnesota, New Jersey Oklahoma, Oregon, Rhode Island, Tennessee, Virginia, Washington and West Virginia, one each.

Forty-six of the new employees have college degrees and eight of these people graduated this year. Bachelor degrees are held by 34 people, 10 have masters degrees, one has a PhD degree and one a doctor of medicine.

The newcomers received their degrees from the following colleges:

Bryant College, University of New Mexico, University of Nebraska, University of Wichita, University of Virginia, California Institute of Technology, Polytechnic Institute of Brooklyn, Georgia Institute of Technology, and Tri-State College.

University of Dubuque, Temple University, Kansas State Teachers College, Highlands University, University of Oklahoma, University of Texas, Reed College, U. S. Coast Guard Academy, Kansas State College.

University of California, Oklahoma A. & M., University of Colorado, Ohio State University, University of Denver.

The Inquiring Reporter Asks:

### What Is Your Favorite Type Movie?

BARBARA P. MOODY, 2121-3. I haven't been to movies recently but I prefer the historical type. I liked "Hamlet" and I think I will enjoy "Alice in Wonderland." I saw "Cinderella" and it was very cute. I don't care for westerns or musicals but I do like ballet and I've been waiting patiently for "The Red Shoes" to come back so I can see it. Another I want to see is "Tales of Hoffman."



JANE WORTHEN, 4222-1. Shoot 'em ups, of course. I say that because my husband and daughter prefer them and that's what I usually see when we go to a movie. I haven't seen any since a double feature of "Kit Carson" and "Last of the Mohicans." Really, my favorite when I go alone is a psychological thriller.



BERT P. NEUMAN, 2122-2. I like a good adventure—cowboys and Indians. I liked "The Frogmen" but I usually prefer the "Broken Arrow" and "Winchester 73" type. Any kind that doesn't take too much thinking. You go to a movie to eat popcorn and with cowboys and Indians shooting it up, you can eat without the next fellow hearing you.

### Timely Driving Tips Are Given Sandians In New Booklet

With the death toll on New Mexico's highways rising every day, next week's selection for the Booklet Rack Service is timely and significant. The booklet is entitled "Your Driving Scares the Wits Out of Me."

Written by Red Daniells, General Motors test driver for 25 years, the booklet gives some excellent tips on how to take the risks out of driving. Test Driver Daniells contends that modern cars make driving too easy and that makes for carelessness. You'll be interested in comparing your driving habits with those of a man who gets paid for taking chances but takes it easy when he's on his own time.

There's a wealth of information about how to plan for your eventual retirement in the booklet now on the racks entitled "Begin Now to Enjoy Tomorrow." Take one home tonight. Incidentally, if you find the rack in your area running short of booklets, give Public Relations a ring, ext. 26150. More booklets will be furnished immediately.

JOHN W. HUNGATE, 1270. Comedy—musical comedy. They take your work worries away. I like all kinds of westerns too, but I still think musical comedies and the Marx brothers type comedies are the best. I haven't been attending too regularly. Planting a lawn and trees has kept me busy but this winter I plan to catch up.

JEAN SHAFFER, 3232. It's not westerns! Let me think—I like musicals, although we haven't seen any recently because we have a television set. I've been so disgusted with so many I've seen that I've almost given up. I don't really remember the last movie I saw. Oh, I take back what I said. I saw "On the Riviera" with Danny Kaye and I get a big bang out of him. The puppet act in that was marvelous.



CORNELIO S. SANDOVAL, 2411-2. I like musicals the best. "On the Riviera" was a good one. I don't particularly like westerns, although my son is starting to go to movies and I can hardly keep him from westerns. There isn't any particular star that I like best because I haven't kept tabs on them like I used to.



### Bowling Leagues

#### JUNGLE LEAGUE

Team	Team Standing	Won	Lost
1. Lions	18	6	6
2. Panthers	14	10	10
3. Rabbits	14	10	10
4. Wildcats	12	12	12
5. Gophers	12	12	12
6. Lobos	11	13	13
7. Mustangs	9	15	15
8. Bears	6	18	18

#### INDIAN LEAGUE

Team	Team Standing	Won	Lost
1. Mohawks	15	5	5
2. Hopi	14	6	6
3. Apaches	13	7	7
4. Blackfeet	10	10	10
5. Zuni	10	10	10
6. Arapahoe	7	13	13
7. Navajo	6	14	14
8. Pottawattamie	5	15	15

High team, total pins, Lions, 2618.  
 Second high team, total pins, Lions, 2557.  
 High team, one game, Lions, 920.  
 Second high team, one game, Bears, 897.  
 Individual high series, Anderson, 638.  
 Second high individual series, Dietrich, 626.  
 High individual, one game, Dietrich, 265.  
 Second high individual, one game, Jorgensen, 247.

**Top 10 Averages**  
 Dietrich, 185; Anderson, 182; Dierks and Duffield, 177; Kubiak, 173; Mills, 171; Stradford, 167; Campbell, 166; Hickey and Pierson, 165.

High team, total pins, Apache, 2557.  
 Second high team, total pins, Mohawk, 2505.  
 High team, one game, Apache, 928.  
 Second high team, one game, Zuni, 881.  
 Individual high series, Nendell, 623.  
 Second high individual series, Lew, 611.  
 High individual, one game, Lew, 236.  
 Second high individual, one game, Summers, 235.

**Top 10 Averages**  
 Nendell, 185; Whitney, 176; Baumgartner and Palmer, 173; Eichert, 158; Wedwick, Horne and Lew, 163; Priore and Summers, 164.

#### MAJOR LEAGUE

Team	Team Standing	Won	Lost
1. Senators	14	5	5
2. Yankees	14	6	6
3. Browns	13	7	7
4. Tigers	9	11	11
5. Indians	9	11	11
6. Athletics	8	11	11
7. White Sox	6	14	14
8. Red Sox	6	14	14

High team, total pins, Senators, 2634.  
 Second high team, total pins, Red Sox, 2500.  
 High team, one game, Senators, 895.  
 Second high team, one game, Tigers, 894.  
 Individual high series, Repetti, 643.  
 Second high individual series, J. Taylor, 598.  
 High individual, one game, J. Taylor, 267.  
 Second high individual, one game, Anderson, 259.

**Top 10 Averages**  
 Repetti, 187; Taylor, 179; Redburn and Appleby, 176; Fink and Lincoln, 174; Sylvestre, 169; Anderson, 168; J. Tillman, 167; Johnson and Felner, 164.

#### WOMEN'S INSECT LEAGUE

Team	Team Standing	Won	Lost
1. Centipedes	19	5	5
2. Fireflies	19	5	5
3. Hornets	17	7	7
4. Scorpions	17	7	7
5. Black Widows	8	16	16
6. Beetles	8	16	16
7. Lady Bugs	7	17	17
8. Roaches	1	11	11

High team, total pins, Centipedes, Scorpions, 2066.  
 High team, one game, Hornets, 743.  
 Second high team, one game, Centipedes, 710.  
 Individual high series, Fink, 497.  
 Second high individual series, Burg, Hahn, 486.  
 High individual, one game, Fink, 201.  
 Second high individual, one game, Burg, 198.

**Top 10 Average**  
 Fink, 149; Burg, 145; Hahn, 137; Parsons, Amador, 136; Schultz, Palmer, 135; Pretti, 134; Taylor, Hainlen, 130.

### 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—

Nesco roaster with stand, new, \$20; Easy Spindrier, \$85; Mahogany cedar chest, waterfall design, \$20. Virginia Roy, ext. 28154 or Alb. 5-5468.

1949 Kaiser, deluxe, radio, heater, good condition, \$950. Thomas E. Dadian, ext. 26245 or Alb. 5-6663.

1947 Chevrolet, radio and heater, seat covers, \$850. Eloy Barela, ext. 28238.

Deer rifle, 30-06 on Mauser action \$78, automatic pistol .32 Savage, \$28. Glenn Martinson, ext. 7158 or Alb. 5-6901.

Coldspot refrigerator, 7.4 cu. ft., unit overhauled one year ago, \$40. C. Froelich, ext. 22139 or Alb. 5-9000.

Formal dresses, three, size 12, aqua, peach net, brown lace, black and white; black velvet evening coat, size 12, \$10; women's hockey ice skates, size 7, \$8. Mrs. Irma Talley, ext. 26190 after 5 p. m.

Youth bed and mattress, like new, \$35. D. Belmore, ext. 29256.

1947 Hudson four-door, overdrive, heater, good tires, \$650. Small down payment or trade in, balance can be financed. C. M. Dixon, ext. 33141 or Alb. 5-5312.

Carpet, grey embossed, 11x19, \$100, marble dinette set, buffet with dish rack, \$85. James Courtin, ext. 33247. See at 1601 N. Cardenas.

1949 Ford, custom tudor, 6 cyl. radio and heater, 19,000 miles, undercoating, wheels balanced, new paint job, original owner, \$1,175. C. H. DeSelm, ext. 21152 or Alb. 5-2634. See at 513 S. Carlisle.

Electric razor, Schick, dual cutting heads, in white plastic case, used 3 months, a real bargain, \$10. Vern Garratt, ext. 26140.

One wheel trailer, Sears, rear light, brand new, \$40. One 8 x 12 blue rug. M. Gustafson, ext. 5293 or 29251.

Baby carriage, folding type, with mattress, collapsible hood, sturdy, excellent condition, blue, \$15. Jean Jenkins, ext. 28180.

1950 4 door Lincoln, radio heater, hydro-matic, \$1,995; 1942 Buick, 2 door sedan, motor perfect, body fair, \$395; trailer parts at less than wholesale; new foldaway baby bed for trailers, \$22.50; Coleman 2 or 3 room oil heater, one year old, \$30; top dressing 2 gals., \$5; trailer hitch, fits any car, no helpers or dolly needed, \$75. Art Redinger, ext. 27140, 418 N. Adams.

Sewing Machine, Kenmore deluxe walnut desk type, heavy duty head. All attachments foot pedal knee action control, included is ladder back chair, \$150, may be financed through bank. B. D. LeFevre, ext. 28161, 1523 15th Loop. Call after 5 p. m.

1949 Ford Fordor, 8 cylinder radio and heater, perfect condition, \$1,225. Can be seen at parking lot at Women's Dormitory. Goldie Tibbs, ext. 21143 or 24245.

1936 Plymouth, 4 door sedan, good condition, dark blue, to highest bidder. Virginia Williams, ext. 23297 after 5 p. m.

#### RIDES WANTED—

422 S. Amherst, or vicinity of Carlisle to Ad Bldg., Mable Harry, ext. 28242 or Alb. 5-8397.

1007 E. Roma to Ad. Bldg., or will join car pool vicinity of Oak and Roma, Gertrude Theiler, ext. 33148 or Alb. 8261.

2014 N. Rodey (Inez Addition), Doris Beaver, ext. 29135.

Anderson Place to S. Tech Gate. Meacham, ext. 4254.

2724 N. Solano in Bel Air. Evelyn Garman, ext. 29140.

706 Del Mar Drive, C. M. Valdez, ext. 5136.

Mankin area, vicinity of South Dakota and Southern, Lorna Thomas, ext. 7239.

503 Monkbridge vicinity, Theresa DeBaca, ext. 22259 or Alb. 4-0153.

Fourteenth and Silver, car pool, Ken Boyd, ext. 21148.

E. Central and Spruce, Everett L. Gilman, ext. 21148.

#### WANTED—

Girl to share three room home in Heights. Becky Wright, ext. 25240 or Alb. 3-1451.

#### LOST—

Gold earscrew, with green stones, in central tech area, Odessa Elbs, ext. 29241.

Necklace, in vicinity of Ad building or Base cafeteria. Pink and clear rhinestones with a gold chain. Miss Hall, ext. 29250.



WHEN YOU ENTER the home of Virgil, Millie, Dean, Mark, Marsha Lee, Brownie, Jerry, Jennie, Noche, and Isabella Harris you may be greeted by any one of the 10 members of the family. Jerry and Jennie will sing their greeting. Isabella will squeak, Brownie will bark and Noche will meow. The rest will just say Hello. Those on the couch in the above picture are, left to right, Noche, Millie, Jerry and Jennie, and Virgil. On the floor, left to right, are Mark, Marsha Lee, Dean, and Brownie who is whispering something in Isabella's ear. Virg is in 1622, the others go to school or stay at home.