

A WIND TUNNEL CAN BE A SECOND HOME Al Pope, 1121, found out when he was professor of aeronautics and operator of the wind tunnel at Georgia Tech in Atlanta. For 10 years he did research for aircraft manufacturers and also wrote many articles of aviation and authored several text books used in aeronautical engineering education.

Al Pope Was So Busy it Was 5 Years Until His New Wife Cooked His Lunch

Alan Pope, who works in 1121, once owned one-fourth interest in one airplane and one-tenth of another ship. He was his own pilot in those days and added up quite a few hours in the air. Al then gave up being an aviator and concentrated on research and teaching in the field of aeronautical engineering. In his job he "flew" the latest planes in wind tunnels to help in the everlasting quest for better flight.

Windy Work

This year he came to Albuquerque from Atlanta, Ga., where he was a professor in the Guggenheim School of Aeronautics at Georgia Institute of Technology. He was graduated from Georgia Tech in 1934 and received his masters degree at the same school in 1939.

After serving as an engineer for several aircraft companies he joined Georgia Tech staff in 1941. For the next 10 years he taught and conducted wind tunnel research for United, Boeing, Glen Martin, Fairchild, McDonnell, Bell and Consolidated-Vultee aircraft manufacturers.

Missed Wife at Lunch

During these busy days Al married Caroline Salter of Savannah, Ga., and settled down to the happy life of which all men dream. He's been happy, he's prompt to say, but the happiness has had to survive a few obstacles. Not counting Sundays, it

Seasonable Booklets Placed This Week

A highly interesting booklet about Christmas gifts you can make was placed on the booklet racks this week. Even though you may not want to attempt a wooden steak platter or a gaily decorated waste basket (made from a discarded one-gallon ice cream container) you'll be interested in the novel suggestions for wrapping gifts.

Next week's selection is also timely for the season—it's called "Stain Removal." Now you won't need to worry if the kids spill cranberry sauce on your best tablecloth, or if a guest drops a canape on your living room rug. Be sure to read the booklet before you entertain, though; there are some cleaning agents recommended that you probably wouldn't have on hand.

If you missed getting your copy of any booklet previously placed in the racks, you may pick one up at the Public Relations Office, Bldg. 301. Just for the record, here's a list of the booklets that have been placed (excluding those now on the racks):

Will We Be Ready, Know Your Isms, Eyes that See and Ears that Hear, Survival Under Atomic Attack, T. V. Ride of Danny McGag, Picnic Meals, Let's Go Hunting, Fix It This Way, and Begin Now to Enjoy Tomorrow.

was five years before he had lunch with his wife for the first time.

Teaching aeronautics, doing research for seven aircraft companies and operating the Georgia Tech wind tunnel accompanied with a yen to write resulted in his becoming aviation editor of the Atlanta Journal.



1941 — Pearl Harbor, December 7 — 1951

They came out of the sun, a long peeling line of them, and at first Eden Raney didn't recognize what they were, but then the bombs started falling and he saw the big red disk on the wings and he broke into a run for the barracks.

It was 10 minutes to eight on Sunday morning, Dec. 7. Corporal Eden A. Raney was walking toward the Marine barracks at Pearl Harbor when the Japanese struck and the rest of the day was a confusion of noise and excitement.

Eden reached the barracks, grabbed his rifle and ran out onto the parade ground just as the bombers came overhead. For the

rest of the attack he knelt on the parade ground with the rest of his company and put up a defensive fire—bullets against bombs—until the planes went away.

That was the first attack. The Marines were still digging foxholes and putting up emplacements when the bombers appeared again two hours later.

"Our barracks were midway between the harbor and Hickam Field," Eden recalls, "so we had a grandstand view during the second attack."

It was the same thing all over again. They could see the ships blowing up in the harbor and all they could do was pit their meager

rifle and machine gun fire against the Japanese bombs and .50 caliber slugs.

After the attack ended the rest of the day was spent in an effort to prepare to meet more attacks that never came. Eden was assigned to escort trucks rushing ammunition from the Lullalei munitions dump in the mountains down to Pearl Harbor. For three days, until he was relieved for a rest, Eden stayed with the trucks, eating and sleeping when he could, pushed by a growing sense of urgency. The shock wore off and Eden, like the others at Pearl Harbor, realized that this was only the beginning.

Lost and Found Department

The lost and found department in the Employee Services Building, T-301, has a big collection of articles which have been turned in for the owners to reclaim. The variety of items to be found ranges from nearly a hundred keys through glasses, gloves and jewelry to a wrist watch and book of poetry personally autographed by the author. Drop by the office, you may find your long lost gasoline tank cap or fountain pen.

Surprise Program For Toastmistress Club Wednesday

A surprise program is being planned for the next meeting of the Turquoise Toastmistress Club of Sandia Base, reported Mrs. Henry Goldberg, program chairman, recently. The meeting will be held next Wednesday night at the Coronado Club at 6:30 p.m.

The Toastmistress Club gives training and practice in public speaking. Members are taught techniques of organization and parliamentary procedure under the guidance of evaluators selected from the membership.

Reservations for the Wednesday meeting may be made by calling Mrs. Shirley Dyer, ext. 21284 or Mrs. Nate Wineberg, Alb. 3-6741 ext. 128.

New PA System In Use As Coronado Club Gets Ready for Holiday Parties

A pre-season Christmas gift to all members of the Coronado Club in the form of a complete new built-in sound system will be heard by many members for the first time tomorrow night. The occasion is a regular Saturday night dance, informal, with music by Tom Morgan and his orchestra.

The public address system has been under construction for several months by Charles Schmidt, 2533, who has contributed his time voluntarily. The club is now equipped with a modern system which can be used to page persons from any one of several "mike" stations, to amplify music from the orchestra stand, from the juke box, or elsewhere. In addition to the speakers placed throughout the main floor the game area downstairs is connected into the system, and a speaker has been placed outside for coverage of the swimming pool area.

Full Schedule

Nate Wineberg, who this month is winding up his three-months term as chairman of the entertainment committee, has arranged a December schedule of activities which provides plenty of special entertainment for members while taking into account the fact that a great number of private parties are usually held during the holiday season. Preceding the Christmas holiday there will be an informal dance on Saturday the 22nd, with music by Don Weller's

orchestra. The next day, December 23, an egg nog party for members will be held between 5 and 8 p.m., with dancing as well as toasting for the well-wishers.

High-light and finale of the 1951 calendar of events will be the big New Year's Eve dance Dec. 31. Don Lesman's popular orchestra has been engaged for the occasion and a capacity crowd is assured. The charge will be \$1.50 per person for members, and reservations are a must. Manager Roger Almond says that 650 people can be accommodated, but the last 150 will have to be seated downstairs. Reservations will be on a first-come-first-served basis, but the last 150 who call will be told that their table will not be on the main floor. Tickets must be picked up in advance, not later than Friday, December 28, and preferably before then. Only on that basis can the management hold your table until your party arrives.

New Year's Eve Frolic

Table arrangements necessitate a limit of 10 persons per party. When you make your reservations you must give the names of your guests, and the Board of Directors urges that the number of guests be kept to a minimum in order that as many members as possible may enjoy the Club party. As usual, 50 cents extra will be charged for each guest. The dance is billed as a "New Year's Eve Semi-Formal," which means that the gals may wear long dresses. Aside from that the entertainment committee isn't expecting much formality, but a fine time is assured, with hats, noisemakers, confetti, serpentine and the usual hoop-la. The party will begin at 9:30 p.m., and the orchestra will play until 1:30 a.m.

An improvement the ladies will welcome is the opening of the new powder room at the south end of the ballroom. Under Goldie Tibbs' direction, the locker room previously used only during the swimming season has been converted into a tastefully furnished powder room. The hazard of tripping downstairs in a long dress will thus be eliminated for the girls at the New Year's party.

Christmas Party For Magicians to Be December 19

Magic acts and surprise specialties are being prepared for Magicians Club Christmas party, Wednesday, Dec. 19, at the Franciscan Hotel, report Al Spengeman, 4150, and Leland Sangster, 1134, program chairmen.

Further preparations for the Christmas dinner party will be made tonight when the magicians convene for a regular meeting at the Franciscan Hotel, 7:30 p.m. Coin tricks will be featured at this session.

Tool Engineers to Meet This Evening

The American Society of Tool Engineers, Albuquerque chapter No. 93, will meet tonight at 6:45 for dinner at the El Fidel Hotel, Herb Anderson, 1950, publicity chairman of the society, said.

S. E. Beer, of the Monarch Machine Tool Co. in Sidney, O., will be guest speaker at the society's meeting at 8 p.m. Mr. Beer will discuss recent innovations in lathe design and operations. He will also show motion pictures on the subject.

A nominating committee will be elected at the meeting to select new chapter officers for 1951.

SANDIA BULLETIN

Friday, December 7, 1951

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

Robert S. Gillespie, Editor

Photography by Photographic and Reproduction Division

The Sandia Bulletin is published every other Friday. Contributions should be mailed to The Bulletin, Employee Services Office, Building T-301. News items should be in The Bulletin office at least one week in advance of publication date.

Telephone Ext. 25253



How Are Your Telephone Manners? . . .

One of the most charming ladies we know always answers her telephone with a tone of voice that would make you think she fully expected to hear the good news "you have just won the Irish Sweepstakes." It's no accident that she says "hello" in that fresh, bright tone. She learned long ago that the "voice with a smile" can work magic across the miles to an unseen conversationalist, just as a pleasant smile can set the tenor of a face-to-face conversation.

So we are doing a little crusading for pleasantries on the telephone, and it's a pretty good theme for the Christmas season.

No set of rules for telephone etiquette would be applicable to everyone, nor would such rules be desirable. But there are a few pointers all of us can observe to good advantage.

1. Answer your own telephone and place your own calls whenever possible. If the instrument is shared by several people one person is usually designated to take all calls, and in such cases the response should leave no doubt that the caller has at least reached the right office.

2. Be tactful. If you must find out who is calling before you refer the call to someone else don't say "Who's calling?" Chances are you'll irritate the caller and it may be reflected in his conversation with the one he wants to talk to if he meets the requirements to be connected. A far better approach is, "Yes, he is in. May I tell him who's calling?" That eliminates the inference that you have to establish your right to speak with Mr. Whosis.

3. Identify yourself. The caller should never assume that the person on the other end knows who is talking. Much time can be wasted, and embarrassment and confusion can result, by playing a "guess who" game with business associates. A good plan is to identify yourself to whomever answers the phone before asking to speak to someone else. "This is John Smith. Is Mr. Jones in?"

4. Be friendly. When you are being called to the phone and you have been told "It's Mr. Brown," don't waste your caller's time by forcing him to identify himself again. Say "Hello, Jim," or "Mr. Brown?"

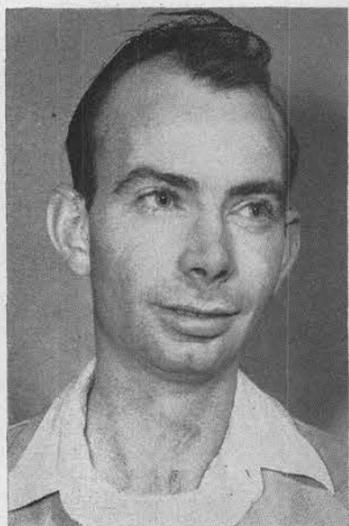
5. Be helpful. When taking a call for someone who is out of the office, be as helpful as possible. Say "I expect him back in 30 minutes," or "He's in a meeting which may last until noon," rather than simply "He's not here." That sort of response necessitates numerous questions to determine whether he's sick, transferred, out of town, or in conference.

6. Be brief. If it's an in-plant call and what you have to say will take more than five minutes you'd better take a walk and see the party.

7. Be prompt. When you find a note on your desk to call so-and-so, do it at once. You may think you know what he wants and that it's not important, but you could be mistaken, and in any case you'll be on his "list" if you fail to return the call within a reasonable time. Remember, he wouldn't have called if he hadn't thought it was important.

You probably have other points you think should be included in this list. But the main thing to remember is that the telephone is an impartial instrument that relays to someone else exactly what you speak into it. Your gestures and your smile are futile unless your voice conveys exactly what you intend to say.

What's My Line?



What is this man's job with Sandia Corporation?

Gold, platinum, copper, nickel, chrome and zinc are everyday materials used in this man's job. Safety precautions are vital to his work. He's used to handling acids and he has to watch out for sparks. What's his line? For the answer see page 6.



JAMES L. McCRAW has assumed his new position in Albuquerque as Director, Office of Security, of the Atomic Energy Commission's Santa Fe operations. Before coming here he was Chief, Public Safety Division, Office of the U.S. High Commissioner, U.S. Department of State, in Frankfurt, Germany. He will be in charge of security for the Santa Fe Operations district which reaches from Eniwetok, in the Pacific, eastward to the Atlantic coast of the United States.

AROUND THE DEPARTMENTS

Dora O'Sullivan, 2462, and her daughter, Pat, visited in Enid, Okla., with Dora's parents during the Thanksgiving holidays.

Sympathy is extended to J. J. Michnovicz, 2462, on the death of his mother, Nov. 27, in West Frankfort, Ill. Mike went to his former home to attend the funeral service.

Chuck Jensen, 2533-4, is proud of his daughter, Cheryl Dawn, 8 lbs., born on Nov. 11.

Bill Freyermuth, 2532-1, is traveling through California on his two weeks' vacation.

We extend our sympathy to Robert Johnson, 2532-2, on the death of his mother, Nov. 19.

Bill Smith, 2532-3, and his wife, are the proud parents of a daughter, Susan Lee, born Nov. 18.

Bob Massak, 2533-1, enjoyed the Thanksgiving week end with a trip to Juarez.

H. R. Hanen, 2533-1, used the recent long week end to pay a visit to San Antonio.

Mr. and Mrs. Frank Longyear were honored at a surprise party and dinner given Nov. 29 by the girls of 2200—Mr. Longyear's organization before his recent transfer as superintendent of 2100. About 15 persons attended the party and spaghetti supper given at the home of Pat Turner, 2200.

Katherine Becker, 2461-3, and her son, Joe, recently drove to Juarez and had a wonderful time.

Mr. and Mrs. J. J. Michnovicz are the parents of a son born Nov. 29 at St. Joseph's Hospital.

E. C. Deutschle, 4310, and his wife spent a week's vacation in California and Catalina Island.

Department 3150, in a surprise luncheon, paid farewells to Neta Tyler Nov. 29. Neta is leaving to take a 30-day vacation trip through Texas and then will settle down as a housewife in Denver.

Rebecca Wright, 3153, was married to Roy Draughon, USN, Nov. 18. The wedding ceremony and reception were held at the home of the bride's parents in Albuquerque. The couple went to Las Vegas, N.M., for their wedding trip.

Jack Martin, 3152, spent 10 days on a recruiting trip in Houston and New Orleans recently.

Dorothy Anderson, 3152, spent a week's vacation visiting in Kansas and El Paso, Tex.

Richard Reed, 3152, was at Salton Sea for two weeks "pinch-hitting" for Lloyd Wilson, who was on vacation.

Department 3150 gave a surprise party for E. W. Peirce Nov. 20 at the Coronado Club. The occasion of the party was Gene's moving to the job of department manager of 3120.

Brian Finlay, 3152, and A. Harshman, 3151, have been in Cincinnati on a recruiting trip.

Art Machen, department manager 1710, faces the holiday season with his right arm in a sling. While cranking a tractor on his farm recently the machine bucked and his arm was broken.

We extend our sympathy to Truman Gillette, 2532-3, whose mother was fatally injured in a highway accident near Albuquerque, Nov. 24. His father was seriously injured and his brother suffered from shock in the accident.

Dean Yearout, 1132, plans to move to his new home in the Sandia Mountains soon. Dean has spent many a pleasant and tiring hour building the house.

Arlington Perkins, 1930, who is planning to spend an exciting Christmas vacation in South America, says he will be thinking of all his friends back home while he is whipping out a rhumba in the land where it is summer this time of year.

Virginia Golding has been appointed secretary of 1641. H. Bowen is the newly appointed supervisor.

Claire Roberts, 4222-3, spent Thanksgiving week with her parents in Chicago, Ill.

Lois Barney, 4222-2, has returned from Lubbock, Tex., where she spent her vacation in the hospital—minor surgery.

Opal Tenbrink, 4222-2, has been promoted to department secretary to W. C. Scrivner, 1640.

Lee Ferrari, 4222-2, returned from a week's vacation in Detroit where she acted as an attendant in the wedding of her cousin.

Donagene Haut is the new division secretary for 3125.

Don Lucas, 4231, is building a new home near Cedar Crest in the Sandia Mountains. When finished, Don will call it Casa de Lucas.

Mary Lunsford, 2231, will drive to Arizona for her vacation. She leaves Dec. 16.

Mildred Smith, 2231, spent her vacation with her brother, Cpl. Arthur Deatherage, who recently returned from Okinawa.

Goldie Tibbs, 2470, is vacationing in Ohio and will go on to New York after visiting relatives there. Goldie and Jack Hart, 3211, will be married later this month in New York.

Blanche Romine, 2231, and her family spent their Thanksgiving vacation in Tucson, Ariz.

Sympathy is extended to Fred Brockhausen, 2231, on the recent death of his sister.

Don Wader, 2231, came back to New Mexico and bagged a deer after shooting an elk in Colorado. Jim Reck, 2231, shot a 180 pound buck in the Silver City area.

Personnel of 4130 wish to extend their deepest sympathies to Mr. and Mrs. Carl J. Baumgartner, 4133, on the death of Mrs. Baumgartner's mother, Mrs. Julia Hadarites of Macon, Ga.

Girls in 4131 feted Sue Obenhaus with a farewell luncheon at the Coronado Club.

Santa Claus came early to the R. M. Hansens, 4131, and deposited a lovely new Dodge in the car-port.

Ora Brooks, 4135, is off to sunny California for her vacation fling.

Waylon B. Ferguson, 2352-2, and wife Mary Ann, 4222, drove to Waco, Tex., for the Baylor University homecoming game.

Florence Bland, 2351, and husband, journeyed to Dallas, Tex., to the SMU homecoming game.

June Kelly, 2352-2, spent her week of vacation redecorating her home.

Clayton Guynes, 2351, and Lowell Sharp, 1930, gave Lowell's new Pontiac a work-out and drove to Los Angeles over the Thanksgiving week end.

Some of the hunters during deer season in 2126 include John L. Veeneman, who shot a 7-point buck an hour and a half after the opening of the season, Ernest Mares, winner of the jackpot, who shot an 11-point buck and a bobcat, and Marshall Nichols, who shot a 12-point buck at the same time his hunting companion shot the same buck. John and Ernest hunted in the Manzano Mountains and Marshall in the Magdalena area.

Bob McClendon, 2532-2, has much to relate about his recent two-week jaunt in Mexico. Bob, Mrs. McClendon, and another couple covered 4500 miles, traveling the Chihuahua, Parral, Aguacaliente, Mexico City, Cuernavaca, Acapulco, and Tampico regions.

Paul Pierson, 2543-3, recently returned from a long vacation trip to the East. Stopping off places were Washington, D.C., where his wife's relatives live, and Worcester, Mass., where Paul's parents reside. Highlights of the trip were a visit to one of the largest shopping centers in the world, a drive from beginning to end of the 300-mile Pennsylvania Turnpike, and the Marquette-Holy Cross football game.

Two people have transferred into 1714 recently: Billye McDowell came from 1810; Werner Rademacher came from 2352. Billye hails from Amarillo, Tex., and has been with Sandia Corporation more than a year. Werner is originally from Glendale, Calif., and holds a Bachelor of Engineering degree from the University of Southern California.

Harry Daniel, 1713, has been quite busy entertaining visitors. For three weeks his father and mother were here from Indianapolis visiting with him. Shortly after they left, Mrs. Daniel's folks, also from Indianapolis, arrived and stayed for about a week.

If you want to see some of the paintings done by Walt Hook, 1713, two of them are on display at the head office of the Bank of New Mexico, and one other is on display at the San Pedro and Central Branch of the Bank of New Mexico. On the other hand, if you don't like any of those, Walt has others at home which he will be more than pleased to show you.

Florence Burwell, 1714, is spending a two-week vacation at home just taking things easy.

Lois Barney is back at work in 1714 after a trip to Brownfield, Texas, where she underwent a minor operation. The operation was performed by Dr. Daniell, who is Lois' brother.

Irene Heck, 2461-3, is enjoying a visit from her parents who live in Oklahoma City. Irene, her sister, and her parents plan to drive to San Francisco for the Christmas holiday, leaving here December 21.

Marshall Valdez is transferring from 2461-3 to 4135. 1253 is welcoming Blanche Faltyn, also a transfer from 2461-3.

Lucille Montoya, 2461-3, and her husband celebrated their third wedding anniversary Nov. 27. Joining in their celebration were friends from Belen.

Pat Stack, 4135, and husband will be home for Christmas and Canton, Ohio, is brushing off the welcome mat for one of its favorite daughters.

Billie Peterson, 4135, recovered and as good as new, is back at the same old stand, and very welcome too.

Girls in 4135 and 4133 showered Jane Hair in honor of her coming blessed event. Helen Melancon was the hostess.

Service Life Ends - - - Veterans Come Back to Old Jobs

We hate to see them go—but it's great to have them back. Men who leave us for service with the armed forces usually plan to return as

soon as they can. Here are the stories of some of the Sandia veterans who have come back to pick up where they left off.



Ferrell O'Rourke



Jesse Floyd



Benny Anaya



Edén A. Raney



Adolfo Martinez



Frank Treon

Benny Anaya

In a life that's had its full share of close shaves, Benny Anaya figures the closest call he ever had came one day last December when a burly Marine sergeant shoved a load of heavy winter clothing toward him and said, "Benny, you'll be wearing this stuff in Korea pretty soon."

This wasn't so surprising in itself—the real surprise came 10 days later when Benny found himself sitting on a train, heading toward home with a discharge in his pocket.

In was one of those nick-of-time things. Slated for Korea with the rest of his Marine Corps detachment at Camp Pendleton, Calif., Benny was scratched off the shipping list and discharged when a new order defining age limits came through. Benny is 40 years old and under the new order he was eligible for discharge.

Benny was recalled into the Marines in October 1950 after working for Sandia for two months as a Security Inspector. He's a reservist with three years service in the Marines during World War II. He fought all the way through the Pacific from Guadalcanal to Saipan.

The discharge was issued in December 1950 and a month later Benny was back in uniform, again a Security Inspector's uniform at Sandia.

Benny's been married for 20 years and it doesn't take much guessing to decide which uniform Mrs. Anaya prefers.

Frank Treon

Frank Treon is one of the few Sandia veterans who thoroughly enjoyed his latest hitch in the service. He was called out of the Army reserves last February and sent to Fort Sill, Okla., where he joined a Military Police company.

Life at Fort Sill was what Frank calls

"good duty" and to him that means excitement. During the eight months Frank spent with the M. P.'s there, a cyclone roared into the Fort causing \$4 million damages, there were three murders in nearby Lawton and in the Fort itself that Frank helped investigate, a helicopter crashed on the base, and there were miscellaneous crises which Frank tends to regard as mere routine.

It's not strange that Frank thrives on this kind of life, his history to date has certainly been chock full of variety. For instance, some of the jobs he's held have been as a diamond cutter, advertising salesman, hard rock miner and Fuller brush man, to mention just a few.

Frank went into the Army originally in 1948. He went through basic Military Police training and was assigned to Kirtland Air Force Base, later transferring to Sandia Base. He was here when he got his discharge in June 1950 and the next month he came to work for Sandia as a Security Inspector. Except for his latest brief but exciting tour of duty, he's been here ever since.

Ferrell O'Rourke

Ferrell "Jake" O'Rourke would have been in the Far East right now if it hadn't been for a last minute eye examination.

Jake began working at Sandia, his first full time job, in 1948. He was here, in 2231-1, when the Korean war started and he knew it wouldn't be long before he was called. In May of this year the call came and he was on his way to Camp Roberts, Calif., a brand new Army recruit.

For 14 weeks he went through the rigorous basic training calculated to change him from a civilian to a combat soldier, then he was readied for shipment to the Far East.

Prior to embarkation he had to be fitted with a pair of safety glasses, much

like those issued to Sandians working in goggle areas. It was this eye exam that changed the course of his life. The doctor made the usual tests and ended up by recommending his discharge due to weak eyes. One week later he was discharged and two weeks after he was home he returned to his old job with us.

Jake has a big family, four sisters and a brother, and they were all overjoyed to learn he was back with them. Another brother was killed on Bataan during World War II.

Hard as the Army training was, Jake doesn't consider it a waste. "If a full-scale war ever breaks loose," he says, "I'll be just that much ahead."

Adolfo Martinez

Adolfo Martinez had been working for Sandia more than two years when he was called out of the reserves and back into the Marine Corps.

Adolfo likes his job in 2232-1 and he recalls that during his recent six month hitch in the Marines his chief aim was to get back here and pick up where he left off. He succeeded last April when he was released with a dependency discharge.

Some of his fellow workers wouldn't know him if you asked for Adolfo Martinez. A long time ago someone in his organization mistook his name for Murphy and it stuck.

During World War II Murph took intensive training in communications and was then shipped to Honolulu. There he was assigned to sending and receiving code messages for the Naval Radio Station. In 1945 he was sent back to the States for discharge.

After he was out of the service, Murph worked for the Department of Interior in Tucumcari before he came to us in 1948. When he went back into the Marines in November, 1950, Murph was sent to Quantico, Va., and

began training again at a communications school. It wasn't long before he put in his application for a dependency discharge—he has a wife and two children—and it was granted last April.

His first move after he arrived home was to step back into his old job in 2232-1. "Hey, Murph," he says sounds a lot better than "Corporal Martinez."

Edén A. Raney

He was there from the beginning to the end—from Pearl Harbor through Iwo Jima. The story of the day it began is told on page one, but Edén A. Raney went on to fight at Guadalcanal, New Zealand, Saipan, Tarawa and Iwo Jima.

Soon after Pearl Harbor Marine Corporal Raney was sent back to the States for training in a specialist weapons battalion.

"Specialist weapons—that's everything from a .45 automatic to 3 inch anti-aircraft," Edén explains.

He went into the fighting in this outfit, later transferred to demolitions and flame throwers and still later went over to the Engineers.

Cowpunching was Edén's profession before he entered the Marine Corps and after his discharge he went back to ranching in New Mexico. Cowpunching, Edén found out, "isn't what it used to be." Mechanical methods had expanded since the war and the ranks of working ranch hands had narrowed considerably. In August 1950 Edén came to work here as a security inspector.

It was a job he liked immensely but as fate would have it he wasn't here a month before he was called back in the Marines. For 13 months Edén was stationed at Camp Pendleton, Calif., where he participated in maneuvers with the First Floating Bridge Company. He was discharged last October and with his wife, who had followed

him to Pendleton, Edén made a beeline back to his old job with Sandia.

Settled now, with a good job and a good future, Edén says happily, "I never had it so good."

Jesse Floyd

Little Linda Floyd doesn't know it yet, but her parents are a bit awed by their newest offspring. Ten-month-old Linda did something that all the lawyers in the country couldn't have accomplished. And she did it by just being born.

Linda's father, Jesse Floyd, was in the Army at Camp Carson, Colo., when she was born last February. Her birth automatically made Jesse eligible for a discharge. With his wife and two other daughters he had the required number of dependents.

Jesse had been working for Sandia since 1947 when, as a member of the reserves, he was recalled to active service. His previous military service lasted from 1942 to 1946 in both the Army Air Corps and the Engineer Corps. When he was recalled he went back into the Engineer Corps as a heavy equipment supervisor at Camp Carson. His time with Sandia came in handy there. Jesse had been a heavy equipment operator in 2417. After his discharge last March he came right back to his old organization.

The main complaint Jesse had about his recent Army hitch was the weather in Colorado.

"It was cold up there," he says, "Camp Carson is right at the edge of the mountains and I was there during the winter. I'm too much of a Georgia boy to ever get used to cold."

Jesse's home town is Dalton, Ga. He claims Albuquerque weather is better, if anything, compared to Georgia, which is one of the reasons Jesse is glad he's back.

Positions Open At Sandia for Qualified People

Before long it may become a tradition here at Sandia Corporation for employees to tell their friends this is a good place to work and encourage them to pay a visit to the Personnel and Employment office. If our company were older it could be considered a tradition already.

This employee-to-friend-to-relative "grapevine" is encouraged to further the quest for competent and experienced people who would like to participate in Sandia Corporation's task, benefits and future.

If you have acquaintances who wish to secure information concerning employment at Sandia Corporation, they may call at the Branch Employment Office at 2933 Monte Vista Blvd., Albuquerque, or may write Sandia Corporation, Employment and Personnel Department, Sandia Base, Albuquerque, N.M.

Our company has grown by leaps and bounds, but still has need for more people in a large variety of professions and skills. Our employment staff is always on the search for the high calibre scientist, engineer, technician, office worker or other person who has the ability needed for the successful pursuance of our job.

Here are a few of the most urgently needed of the professions:

Electrical Engineers

Men with college degrees and experience are needed in this field. Men experienced in application of battery power are especially needed.

Electronic Engineers

Experience in radio work is necessary in addition to a college degree. Work in ultra high frequency field and telemetering is also important.

Production Engineering

These men must have had experience or training in various phases of production engineering.

Physicist

The need is for men and women with extensive backgrounds in physics and advanced college degrees are necessary.

Field Engineers

There are openings for engineers who had experience in the Army Signal Corps, and other branches, in installation of communication systems and equipment.

Standard Engineers

Openings are for standards engineers who have had experience in the field.

Technical Writers

All types of engineers who have writing ability are needed. A degree in engineering is needed for these positions.

Other professional men are needed including mechanical design engineers, stress analysts, specification writers. Sandia Corporation has openings for most types of qualified engineers.

The need for technicians at Sandia offers opportunities to many men possessing varied skills. Following are a few of the most common positions open to skilled men and women:

- Electrical assemblers
- Draftsmen
- Electrical inspectors
- Mechanical inspectors
- Layout operators
- Production schedulers
- Electronic technicians
- Research and development technicians

The field of employment in a company the size of Sandia is broad. Indicating the variety of opportunities is the need for competent men and women in these lines:

- Clerks
- Typists
- Stenographers
- Laborers
- Material handlers
- Stockkeepers
- Auditors
- Accountants
- Accounting clerks

Included in the preceding lists are only a few of the positions open in Sandia Corporation to qualified men and women. The opportunities are great for properly trained and experienced people to participate in this vital defense project.

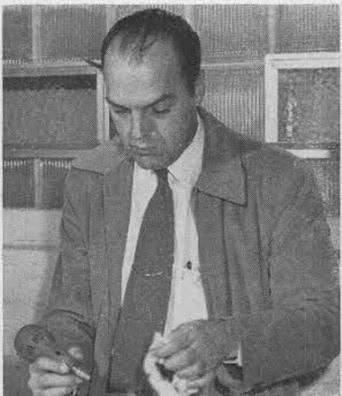
Here's How It Works



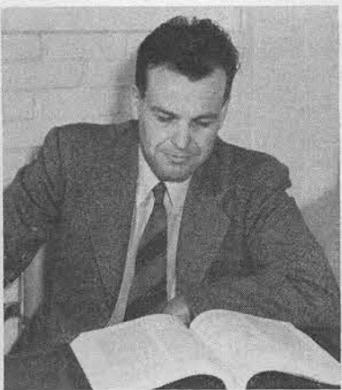
ED MILLER, 1293, heard about Sandia Corporation through an Army friend and came to work here as an electrical engineer in January, 1947. He had been working in a New Jersey manufacturing plant. He liked Sandia and wrote back his opinions to friends back east and soon



MAX WEBER, a former fellow employee, liked the reports and wrote to Sandia and in 1948 started work here. During the war Max had been a radar instructor at Boca Raton Air Force Base in Florida and while there he knew



IRV LONG who soon learned of Sandia Corporation through Max and made application to the Corporation's employment office. He came to work here in May, 1950. Previously Irv had worked at the Biloxi Air Force Base in Mississippi and had become acquainted with



BOB MORGAN whom he informed of the advantages of Sandia Corporation and living in the southwest. Bob became interested in Sandia and was hired as a technical writer this year. He has friends and acquaintances with qualifications needed in our project and some of these men are now corresponding with our professional employment division.

News from— Men in Service

Hollis B. Nicolds, formerly 2411, reports back to the SANDIA BULLETIN from the French zone of Germany where he is on duty with the Second Armored Division, known to the men as "Hell on Wheels." Hollis has been on the move a great deal since entering the Army and since arrival in Europe has been on maneuvers. He reports all is well and he enjoys his strenuous life, but hopes to be back with the company very soon.

Billy D. Wiley, who was in 2414, is now stationed at Fort Sill, Okla., and is assigned to the Field Artillery. He is an instructor in the Fire Direction Center Specialist School which trains the men who set the instruments preparatory to firing the artillery. Billy has been married since leaving Sandia and now has a son, Joseph Michael.

Paul J. Cruze, formerly of 2416, is now stationed in Japan with the 45th Infantry Division. He left the Corporation in Sept., 1950, and took training at Fort Sill, Okla., and Camp Polk, La. He shipped out of New Orleans and after an interesting trip through the Panama Canal went on to Japan where he has now completed his advanced combat training. He writes that he looks back upon his days at Sandia as happy ones and hopes that he will be back soon. His address is Pvt. Paul J. Cruze, US 54065699, Co. C, 179th RCT, 45th Division, APO 86, c/o PM, San Francisco, Calif.

New Employees

We extend a welcome to the following new employees who joined us between Nov. 17 and Nov. 30.

Name	Organization
Richard A. Leibler	1140
Harry P. Farmer	1544
Lyle R. Porter	1623
Adron E. Doty	1623
Robert E. Curran	1932
Victor S. Gahaldon	1933
Eugene B. Lopp	1951
Bettie A. Brockman	1951
Martha E. Howard	1951
Dwayne R. Fry	2113
Hugh A. Colvin	2122
Paul E. Smith	2122
Edward Grossman	2123
James D. Wade	2123
Erineo A. Pollack	2124
Floyd H. Myron	2125
Marion Quinn	2222
Don D. Montgomery	2225
Johnnie G. Apodaca	2232
Otis C. Horne	2241
Rosemary K. Morrissey	2241
Ralph G. Bowers	2331
Adelita F. Gonzales	2334
Bill R. Nanney	2334
Mary G. Armbrust	2351
Enoch B. Cruz	2351
Richard L. Smith	2411
Donald Peacock	2411
Walter G. Bush	2417
Hubert J. Franklin	2423
Jose S. Montoya	2423
Carlos B. Baca	2423
Kenneth A. Wolter	2452
George T. Mancuso	2452
Wayne D. Wolter	2452
Nellie Sanchez	2461
Longinos C. Trujillo	2461
Lena K. Criss	2462
Richard E. Chesley	2481
Milo Morrison	2481
Owen H. Shutt	2483
Charles R. Balistrere	2534
Marta M. Dugger	3153
Lillian Erickson	3153
Toni G. Montano	3171
LaZona M. McClintock	4131
Harry M. McNaughton	4131
Bill D. Darland	4151
Edla M. Halama	4222
Dan C. Held	4233

AROUND THE DEPARTMENTS

Nattalie Bradley, 1121, has returned to work after a three weeks' vacation in Santa Fe. Her husband, Zorro Bradley, was recently released from active duty with the Army reserve after spending nine months in Korea with the 23rd Infantry Regiment.

Congratulations to Paul Rowe, 1121, and his wife on the birth of a daughter, Heidi Ann, Nov. 16.

The Fred Krolls are the parents of a daughter born Nov. 17. Fred is in 1121. Congratulations!

Stan Gillespie, 1132, has shopped the foreign car market and bought himself an MG, an English-built automobile.

Mary Gertrude Leohle, six-month-old daughter of Mr. and Mrs. Don Loehle, died of pneumonia Wednesday morning. Don is in 1933. Sandians join in offering their heartfelt sympathy.



"TIME TO CAST OFF," says "Ted" Sprink, 2480. Note the absence of shadows in the picture. When it was taken the sun had set and in spite of the calm appearance of the water inside the breakwater, a heavy sea was running caused by a 45-mile-per-hour wind. Pictured from left to right are F. Hawks, USN; Herb Stroud, FBP; T. A. Sprink, 2480; G. Noe, 2481-1; H. Schnarr, 2481-1; G. Quinones, 2481-1, and Tony Uzsuko, 2481-1. Inside the cabin at the controls is Chief Woodiel, USN.

Rescue Mission Undertaken—

Salton Sea Volunteers Fight Storms In Attempt to Save Lost Hunters

When high winds swept the Salton Sea area for several days during the opening week of duck hunting season, personnel of Sandia Corporation took part in several search and rescue missions looking for lost duck hunters.

Each year some hunters are lost, and many others have narrow escapes when they venture onto the sea in small boats and are swept away from shore by sudden wind storms. The wind velocity often reaches 50 miles per hour, churning the surface of the sea into a mass of whitecaps in a matter of minutes with waves sometimes three feet high.

This year two brothers and the 10-year-old son of one of the men were drowned when their boat capsized a few miles north of the Base area. The boat from Salton Sea Base manned by a volunteer crew of Navy and Sandia Corporation personnel took part in an all-night search for the missing people.

More Hunters Lost

The next afternoon and evening the boat was again sent out when the Imperial county sheriff's office reported two boats drifting out of control off-shore. These hunters were reported firing their guns to attract attention to their plight. This search lasted until 10 p.m. when the wind subsided. Later the sheriff's office reported the boats had apparently been blown into shallow water and the hunters had waded ashore.

On these searches the Base cooperates with the sheriff's offices of Riverside and Imperial in whose

counties the shore-line of Salton Sea lies. Also usually taking part are planes from the nearby El Centro Naval Air Station and boats from Desert Beach, a resort area on the northern end of the sea.

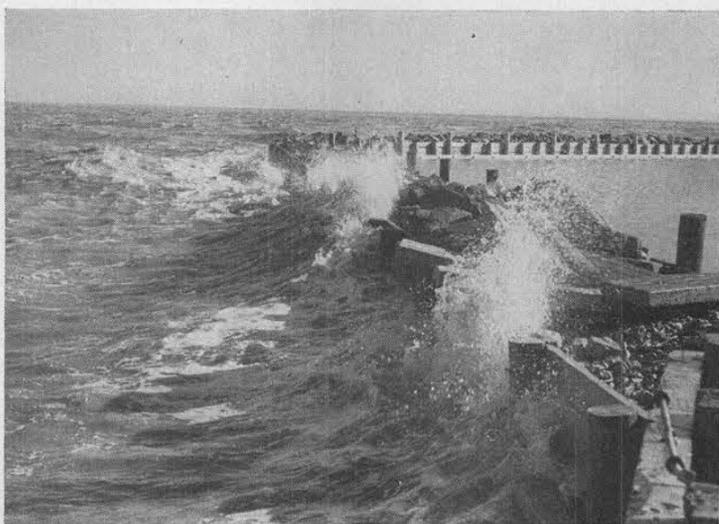
Two years ago it was a boat from the Salton Sea Base which found two hunters who had spent the night clinging to some piling driven into the water some miles off-shore. They were suffering from exposure and from the burning effects of salt water and were given emergency first aid treatment by the nurse at the Base. Later they were flown to a coast hospital in a plane furnished by the aircraft company where they were employed.

Few Large Craft

These rescue missions are far from being pleasure trips even when the larger cabin type boats are used. During rough weather the waves often break over the deck and searchers are soon soaked from salt spray. Only those who have had the experience of being thoroughly wet with salt water while exposed to high winds can appreciate how uncomfortable these trips can become.

The boats at Salton Sea Base are the only ones on the Sea large enough to venture out on these searches during the worst of the storms. Some of the boats are those of the Sandia Corporation and others are maintained at the base by the Navy. They are manned on these search missions by volunteers from Navy and Sandia Corporation personnel. Sandia Corporation divisions at Salton Sea are 1614, 2481, 2482 and 2483.

WHILE THE BOAT was being refueled in the calm waters behind the breakwater, waves such as these shown below were running outside as a result of two days of winds averaging 45 miles per hour. The sea is a tempting mecca for duck hunters each year despite the sudden winds which cause the shallow water to be dangerously rough. The hunters' small boats have little chance of remaining upright when they are tossed about in the whitecaps. Disaster is the result.





A TYPICAL GATHERING of the Turquoise Toastmistress Club was photographed recently at the Officers Club. From left to right are Mrs. Lillian Dory, guest speaker; Mrs. Helga McCarthy, Mrs. M. L. Hughes, Mrs. P. A. Bailey, Mrs. N. B. Sewell, Mrs. E. G. Miller, Mrs. W. E. Caldes, Mrs. H. S.

Westcott, Mrs. L. H. Stradford, Mrs. H. Curtis Biggs, Mrs. A. L. Dyer, Mrs. T. J. Jorgenson, Mrs. Nate Wineberg, Mrs. E. L. Deeter, Miss Beth Krajovic, Mrs. A. J. Kruz, Mrs. J. J. Michnovicz, Mrs. J. Ruder, Mrs. B. R. Young and Mrs. H. Goldberg.

AROUND THE DEPARTMENTS

Organization 2461-2 welcomes Shirlee Jefferes who transferred from 2464.

Jerry Cacciato, 2461-2, and her husband, Chuck, a former Corporation employee, recently went to Juarez to do Christmas shopping for their eastern relatives.

Patricia Russell, 2461-3, spent an exciting day Saturday, Nov. 17, as the escort of Sgt. Reginald Orten of England, one of the 23 Korean war veterans here on the UN Good Will Tour. Pat and Sgt. Orten were in the University of New Mexico homecoming parade and attended the Lobo-Brigham Young University football game in the afternoon. Pat said she caught up on her English grammar since the UN soldier didn't understand U.S. slang.

Mary Jean Harmon, 2461-3, and Norma Dunning, 2200, recently drove to Cortez, Colo., to visit Mary Jean's parents.

Waneta and Ed Jenkins are now vacationing in the West. The trip is a delayed honeymoon for the former Waneta Wright and her husband, who were married Nov. 2 at the Base Chapel. Waneta is in 1514 and Ed is in 1632.

Millie Copeland, 4222, her husband, and M. G. Gustafson, 1511-1, traveled to Juarez Thanksgiving week end. Also spending the week end in Juarez were Janet Smith, 1643, and Sue Sabol, 4222.

The Paul Syroids are the parents of a new boy. He has been named Thomas Anthony Syroid. Paul is in 1533. Congratulations!

Congratulations to Mr. and Mrs. Chuck Grassham on the birth of a boy, Robert Bruce, on Nov. 27. Chuck's organization is 1531.

Frances Newell Hines, 3124, and her new husband, Leslie Hines, USN, will be back Dec. 15 from their wedding trip in Nebraska, South Dakota, Illinois, Louisiana and California. Frances and Leslie were married here Nov. 17.

Louise Cooper was expected back at work in 4151 this week following a minor operation.

Wynne K. Cox, section supervisor of 2461-2, is now a grandmother. Her daughter, Mrs. Pat Chisolm of Albuquerque, has a girl, Terri Lynne, six pounds, 10 ounces, blue eyes, black hair.

Back at work in 2461-2 is Bernice Henry, hale and hearty after a major operation.

Section 2464-2 welcomes Jim Hockett, most recent addition to its staff of investigators. Jim is a transfer from 4132.

Mr. and Mrs. Charles Rettinger are the proud parents of a son born Oct. 31. Charlie is in 2123-6.

Milwaukee is rolling out the welcome mat for Pat Steir, 4135, and hubby, who will be home on their vacation.

Connie G. Gonzales, 2461-3, spent her recent two-week vacation at her home in Albuquerque.

Evelyn Traynor, 2461-3, is recuperating from a major operation at the Base hospital.

Harold Kindschi, 2234, and his family spent the Thanksgiving holiday in Boulder, Colo. On their return here they bought a new house in Albuquerque.

Congratulations to Mr. and Mrs. Fonzo Cossell on the birth of a daughter, Nov. 15. Fonzo is in 2233.

Personnel in 2523 welcome Chester Ricker as a new member.

May Johnson, 2231, has returned from visiting her family in San Francisco.

Nabe and Arlis Gruenoch have purchased a '51 Chevrolet Bel-Aire. Arlis works in 2231.

Mr. and Mrs. Adolfo Sanchez are the parents of a son, Paul, born Nov. 27, weighing 8 lbs., 7 oz. Adolfo is in 2231. Congratulations!

Dutch Hinricks, 2351, spent his two weeks' vacation visiting his home in Northeastern New Mexico hunting—no luck. Ed Carpenter, 2351, and Bud Tate, 2222, got a 14-point deer weighing 213 lbs. during the hunting season, and Walter Self, 2352-1, shot a 12-point deer and is now enjoying venison steaks.

David Reid, 2334, is back from a two weeks' vacation spent in the Gila forest.

Arabella Salas Archibeque, 4222-3, and her husband, Sgt. J. C. Archibeque of Kirtland Field, are back from honeymooning at the Grand Canyon, Hoover Dam, San Diego, Los Angeles, and San Francisco. They were married Nov. 3.

John L. Sullivan bagged a 14-point deer on his recent hunting trip to the Cimarron area. John works in 2334.

Evelyn Forster, 2334, is sporting a beautiful new Ford Victoria.

Department 1300 welcomes its new secretary, Marian Dixon, a transfer from 1612.

Congratulations to Mr. and Mrs. Peter Rospo on the birth of a son, Stephen, Nov. 10. Stephen weighed 7 pounds, 10 ounces. Peter is in 2126.

The Felix Hendrens announce the birth of a son Nov. 24. Felix is in 2124-4. Congratulations!

Jean Shaffer, 3230, was guest of honor at a dinner given Nov. 28 at Wayside Inn by the fairer sex of the department.

Cibbie Blakely, 3230, couldn't resist the impulse to steal away to Arlington, Tex., for a Thanksgiving visit with her brother and his family. She reported that the weather in that region was damp and muggy.

Now that Bob Whitford, 3230, has purchased a home in Hoffmantown, Missouri won't be able to lure him back. It's only a foundation so far, but by February the Whitfords probably will be able to take possession.

Mary Lou Sanders' German shepherd, Margo, took first place in the recent Sandia Dog Obedience Show for the novice class. Mary Lou works for AEC. Barry, 10-year-old Boxer, pride and joy of Margaret Sylvanus, 4222-3, acted like a gentleman and walked off with second place honors.

November Newcomers Have Varied Degrees From 22 Colleges

One hundred and nineteen new employees joined Sandia Corporation during the month of November. There are 82 men and 37 women included in this total.

Following are some interesting statistics concerning these newcomers.

States Represented

New Mexico	81
California	8
Illinois	6
Indiana	4
Ohio	3
Minnesota	2
Pennsylvania	2
Tennessee	2
Texas	2
Wisconsin	2
Iowa	1
Maryland	1
Michigan	1
Oklahoma	1
Oregon	1
Utah	1
Wyoming	1
Washington, D.C.	1

Average age: Men 31, women 28. Eighty-nine of the newcomers are married and they have an average of one and one-third children per family.

Nine of the men are graduates of the June class of 1951.

Degrees Held

Bachelor of Science: Men 22, women 2.
Bachelor of Legal Letters: Men 1.
Master of Science: Men 8.
Doctor of Philosophy: Men 5.

Colleges Represented

University of New Mexico
University of Minnesota
University of Texas
DePaul University
University of Mississippi
University of Utah
Ohio Northern University
University of Nebraska
University of Alabama
Lehigh University
South Dakota School of Mines
University of Wisconsin
Johns Hopkins University
West Texas State College
Georgia Institute of Technology

Promotions

WILLIAM H. REESE has been appointed supervisor of Section 2125-2. He came here in 1949 after owning and operating an Albuquerque motor lodge for a year. Before that Bill was with Beech Aircraft, Wichita, Kans., for 10 years as assistant chief inspector. He also worked for six years for the Kansas City, Mo., branch of the A. B. Dick Mimeograph Co. as service manager. Bill was born and brought up in Independence, Mo., and he claims a nodding acquaintance with President Harry S. Truman. At present he is living in Albuquerque with his wife and two sons aged 14 and 9.



LAWRENCE L. LOWE was recently appointed section supervisor of 2125-1. He joined us in 1949 after working for eight months as a model and instrument maker for the New Mexico School of Mines. For 15 years Larry was with a Detroit manufacturing firm as supervisor of the tool, jig and fixture department. He also spent five years as a tool maker with the Packard Motor Car Co. and four years serving his apprenticeship as a tool, fixture and die maker with a Detroit manufacturing firm. Larry studied mechanical drawing and mathematics at the Detroit Institute of Technology. He is married and has two daughters.



North Texas State College
University of Tulsa
University of Illinois
Tennessee Polytechnic Institute
Oklahoma A & M
Tri-State College
Northwestern University

Congratulations to Mr. and Mrs. Stephan Ball on the birth of a daughter Oct. 31. Steve is a welder in 2124-4.

Bob Blount, 1921-2, spent the week end of Nov. 22 and 23 at his home in Artesia. The visit was a delayed Thanksgiving holiday.

DELOS "DON" KEASLER has been promoted to section supervisor of 2141-1. He joined us the first of this year with almost 16 years experience in industrial engineering. He was an installation assembly supervisor for an equipment company for five and a half years; an assembly specialist for three and a half years for a tool firm; a tool analyst for six months with the Kaiser Munitions Co.; and for six years prior to coming here Don was an industrial and process engineer for Batavia Metal Products, Ill. He studied plant engineering and business administration at Aurora College, Aurora, Ill. Don is married and has three children.



ROY K. SMELTZER is the new section supervisor of 1924-2. He came to Sandia in 1949 with 28 years experience in cost accounting. Roy worked two years with an Albuquerque oil distributing firm as office manager before joining us. Previously he spent four years as chief cost accountant for a Detroit war production plant. He also worked two years for the U. S. Naval Ordnance plant in Detroit as cost account supervisor. He held the same post with the Murray Corporation of America for 13 years after working in accounting from 1918 to 1925 for the Maxwell automobile company. Roy is married and has a 19-year-old son.



Purdue Alumni to Organize Dec. 12

Initial steps to form an Albuquerque Purdue Club will be taken Wednesday, Dec. 12, at the Coronado Club, at 8 p.m. Many Purdue engineers are employed at Sandia Base, Kirtland Field and in the city of Albuquerque and they are all invited to attend the meeting.

The movie, "One Brick Higher," a story of Purdue, will be shown at the meeting. About 50 people are expected to attend. Bob Edelman, 2532-3, ext. 23247, is in charge of arrangements.



CORPORATION VISITORS recently included top officials of Motorola, Inc. Pictured here at a meeting with Sandia representatives they are, left to right, R. E. Poole, Director of Development; D. E. Noble, Vice-President of Motorola; L. J. Biskner, Department Manager 2110; W. F. Dietrich, Sandia Corporation Purchasing Agent; Paul Galvin,

President of Motorola; F. B. Smith, Personnel Director and Treasurer; D. F. Worth, Jr., AEC Manager of Sandia Field Office; C. W. Carnahan, Department Manager 1130; Fred Schmidt, Vice President and Operating Manager; K. S. Spoon, Department Manager 2340; and G. C. Hoover, Assistant Manager, Sandia Field Office.



FRANK P. MEANS, AEC, and his wife Lola, back from their usual week-end fishing trip, show 14 German brown trout Frank caught one afternoon between Velarde and Embudo on the upper Rio Grande.

Fisherman's Luck Stays Good After Leaving Los Alamos

Frank P. Means, AEC, and his wife wondered what would happen to their fishing expeditions three years ago when Frank was transferred from Los Alamos to Sandia.

Frank, an inveterate fisherman and hunter, had found a fisherman's paradise in the Valle Grande, near The Hill, in the Jemez Mountains. Although the fishing spots aren't too close to Albuquerque, Frank and his wife, Lola, still spend their weekends in search of the elusive trout and Frank's catch of 14 fish on the upper Rio Grande recently showed he still has his old skill.

The Means family can be traced back to Pecos, N. M., where they owned and operated the Pecos Lodge for 13 years. They commuted between Pecos and Santa Fe, their home for 32 years. The couple went to Santa Fe as bride and groom.

On most of Frank's fishing trips he takes along a novice, whom he helps and teaches a "Means-style."

Mrs. Means is tired of seeing so many fish in the home (that's her story) but she has a lot to tell about her husband's prowess as a fisherman and hunter. "If you don't believe me, just ask anyone on the game and fish commission—they'll tell you how good he is" she says admiringly.

Fishing is always an expensive pastime, whether you are as good as Frank or not. As he would say, "It comes high."

Frank and Lola have a son who is living in California.

Corporation Safe Opener Does it the Hard Way—Specializes in Locked Safes

A secretary in one of the Sandia Corporation offices arrived at work the other day and went straight to the huge vault containing classified documents needed in the organization's daily work. She turned the dial through the combination, but there was no answering click. The tumblers wouldn't move. Although she tried again and again the big door remained locked. Finally she went to her supervisor, there was a hurried conference, and a call went out for Bill Shively, 2422, the Corporation locksmith.

Vault Is Challenge

In a few moments Bill arrived carrying a little black box full of tools that would bring a gleam to the eyes of many a penitentiary inmate. He knelt before the vault, opened his tool kit and after asking the secretary a few questions, went to work. Within 15 minutes he stood up, pulled a handle and the vault door swung open.

The things he did during those 15 minutes were never taught in any school. He learned himself, trial and error, in an amazingly short time.

Bill has to work fast and efficiently because he gets more than 50 distress calls each week. In addition, he makes an average of 15 keys per day. Bill's work is further complicated by the constant knowledge that he must get the safe he's breaking into back in working order.

"A criminal safecracker has it easy," Bill says, "all he has to do is break in any way he can. A crook doesn't have to worry about putting it back together again."

Self-Taught Locksmith

Three years ago, Bill Shively didn't know the first thing about cracking a safe, repairing a lock, or making a key. He'd come to Albuquerque after selling out half interest in a Flint, Mich., garage to take a job with Sandia Corporation's maintenance organization.

That was in 1948. Proof of the man's sheer native ability is the fact that one year later Bill was opening great wall size vaults.

Right now there are enough safes in use by Sandia Corporation to supply the needs of a small city, according to Bill. But when he came here that wasn't true. The base was small by comparison to its present size.

Common Sense Plus Knack

Bill sort of eased into his present position as Corporation locksmith. While in maintenance he started repairing a few of the simple file type



Sandia's Safe Opener—Bill Shively

safes using common sense and that mechanical knack so many technicians find difficult to explain. Before long he was caring for all the laboratory safes. There was no further need to call on Albuquerque locksmiths and Bill's job soon became official.

He's a busy man but he loves it. Bill has decided to make locksmithing a career—an honest career. The constant challenge of the work is what intrigues him. There are approximately 20 different types of safes used by the Corporation and each type has four or five different locking mechanisms.

Best of all Bill never has to worry about the consequences of locking his keys inside his car and being locked out of the house never presents a problem.

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—

Albuquerque Ranch Estate lots, four choice locations, \$300 to \$450. Anita McCoy, ext. 25246.

Washing machine, Bendix automatic, tumble type, completely reconditioned, \$80. Robert M. Officer, ext. 25256. May be seen at 3409 Mackland Drive.

Outboard motor, Evinrude, "Light Four 10 H. P.," used 18 hours. J. E. Tilley, ext. 28258, or Alb. 5-4384.

French Poodle pups, pure bred, brown, 6 weeks old. Mr. Hann, ext. 21242 or Alb. 3-6836.

Radio-Phonograph, blond, console, Hoffman, 78 RPM, changes 10 and 12 inch records automatically, \$95. E. B. Massengill, ext. 22139 or Alb. 5-2390.

Rifle, 30-30, new \$50. Felix Castillo, ext. 4145.

Washing machine, Easy Spindryer, \$75 and Kelvinator, 9 cubic foot, left hand door. S. H. Dike, ext. 29285.

Child's pedal type fire engine \$15, Colson tricycle \$10, three sleds sizes 4, 5, and 7. R. E. Glass, ext. 29155, or Alb. 5-9088. See at 314 N. Truman.

Hollywood bed, three-fourths size, porcelain top kitchen table. Carl F. Zickert, ext. 27259, 2708 N. Jackson.

Liberty trailer, 1945 model, 22 feet long, includes Robertshaw range, Panelray heat, and new roof, \$500 equity, balance \$354. B. J. Dorenbacher, ext. 33237. See at 201 S. Wyoming, Bassetts Trailer Ranch.

Studio couch, tapestry covered, \$50. Helen Smith, ext. 23258. See at 4615 Palo Alto.

Roll-away bed, Simmons, \$25; Wilson hockey skates, size 10, \$7; M. Lairmore, ext. 33254. See at 801 South San Pedro Drive after 5 p. m.

1939 Ford, A-1 mechanically, good tires, solid body. O. B. Hart, ext. 28171 after 5 p. m.

Trailer, one wheel, \$40. Q. D. Kirkland, ext. 29256.

Lady's bicycle, J. C. Higgins, excellent condition, cost \$56, sacrifice for \$30. Dick Scholtes, ext. 26140 days, ext. 7258 evenings.

Mercurymatic, 1951, 4 door sedan, low mileage, large discount. Kay Norton, ext. 5241, or Alb. 5-4319.

Chevrolet, 1951 two door, radio, heater, nylon seat covers, priced to sell. Kay Norton, ext. 5241, or Alb. 5-4319.

Cotton mattress, full size, \$10; roll-away three-fourths bed with two mattresses and one innerspring \$30; three trunks good for packing, \$3 each; small paint spray outfit complete \$20. W. J. Bounds, ext. 26245 or Alb. 3-0733. 337 E. Ruby Street.

Two-bedroom home in Bel Air, hardwood floors, lawn, wall, Leonard Olds, ext. 33145. 2813 N. Questa.

Dining room table, with four matching chairs, all blond oak. Table folds, and seats six comfortably when extended. Cost \$140 new, will sell for \$70. Also will sell blond oak bookcase for \$25. R. F. Brodsky, ext. 4145, or Alb. 5-8897.

1950 Packard, Egyptian Sand, O. D., thermostatically controlled heater, radio, turn signals, new tires, life guard tubes, \$1,800. Consider trade for Station Wagon. E. W. Peirce, ext. 7184.

Colson tricycle, ball bearings, bicycle spoke wheels, 14-in. wheel, excellent condition, \$16. Hal Gunn, ext. 25141 or 4147.

Two bedrooms of exceptionally nice blond furniture. One room with twin beds the other with double bed. A. F. Fields, ext. 5281 or 23247.

RIDERS WANTED—

To Florida, one or two riders, leaving Dec. 8 or 9. Bert Anderson, ext. 29155.

What's My Line?



Ronald Hatcher is an electro-plater

The piece of metal Ronald Hatcher, 2124-5, is dunking in a chemical solution in the picture above is being electro-cleaned preparatory to electro-plating. Ron works in the electro-plating shop which features mysterious looking vats capable of plating parts with almost any known metal. In addition the shop specializes in dye work on metals and in anodizing—coating metal with a protective film.

Ron has worked at Sandia for two and a half years. This is his first experience with electro-plating and he says he's interested enough to make it his life's work. Ron has lived in Albuquerque all his life except for a two-year hitch in the Navy. He is married and has two sons.

To Los Angeles or vicinity, two passengers to drive and share expenses, leave Friday, Dec. 21, at 6 p. m., leave Los Angeles Jan. 1. W. F. McLaughlin, ext. 28149.

RIDES WANTED—

612 N. Broadway or New York and Broadway, Lucille Montoya, ext. 4138, or Alb. 2-4364 after 5:30 p. m.

1033 N. Columbia or vicinity. Nellie Sanchez, ext. 5145.

601 San Lorenzo Drive or 4100 North Fourth. Geneva Gurule, ext. 24245.

To Iowa and back over holidays, share expenses and driving. Dick Scholtes, ext. 26140 days, ext. 7258 evenings.

418 1/2 S. Stanford. Christine Bollentino, ext. 7240.

WANTED—

Baby play pen with floor; also seamstress to make two pairs draw drapes. Carl F. Zickert, ext. 27259.

TRADE—

Trailer dinette set, including sectional sofa and drop-leaf table, for standard size trailer sofa. Mary Jane Dean, ext. 23140.

MISCELLANEOUS —

Puppies to give away. Small breed dogs that want a good home. Christmas present for children. Billie Gasta ext. 21250 or see at 2317 N. Cagua Drive after 5 p.m.

Officers Named For Archery Club

At a recent meeting of the newly formed Albuquerque Archers Club, Frank Treon, 2452, was elected president.

Other officers chosen at the meeting were Ray Libert, vice president; Juanita Bridge, 2461-2, secretary-treasurer; and Jeff Gammon, 2452, field judge.

The club has about 25 members already with plenty of room for more, according to Juanita. Practice sessions are being held at the University of New Mexico archery range and plans are being made to set up a range on Sandia Base.

Those interested are urged to contact Juanita at ext. 4142.

SALTON SEA NEWS

A group of Salton Sea square dance fans attended the big square dance at the Veterans Memorial Hall in El Centro, Nov. 30. The occasion was honored by the presence of Fenton "Jonesy" Jones of radio, screen and record fame who called the dances.

Welcome to Robert T. Mobley of Indio, Calif., who is reporting to work as a trades helper in 2483. Bob was formerly employed with the U.S. Bureau of Reclamation in the Coachella Valley division of the All-American Canal.

Mr. and Mrs. Lloyd Wilson, 2482, and their daughter Paula Jean, 6, have just returned from a vacation with relatives in Henrietta and Miami, Okla. They report that most any kind of weather can be enjoyed there during any 24-hour period.

Local "ham" radio activities are on the upswing since Wayne Noble, 1622, W5SXF, arrived from Sandia. Contacts with Albuquerque hams are the order of the day to keep in touch with the "XYL" (wife, to the uninitiated).

Our sincere good wishes to Guy Johnson, 2483, from all 2480 employees for a speedy recovery. Guy sustained a broken ankle several weeks ago when he was struck by a car while riding his horse near Brawley. One occupant of the car was killed and the horse had to be destroyed.

What's Your Opinion? ...

The Inquiring Reporter Asks:

What Do You Want for a Christmas Present?

JOHN B. HOBART, 2243. Let me think. A blonde? No, I wouldn't dare order a blonde, I married a brunette. I guess I'd like a photographic darkroom most of all. It would go with the best Christmas present I ever got—a 4x5 Speed Graphic Camera.



JACQUE QUINN, 1200. I want to go home for Christmas. That would be the nicest present I can imagine. Home? That's in Oklahoma City where my folks are living now. There probably won't be any snow, but there's still no place like home for Christmas.



H. WILSON MAGLIDT, 4233. First of all, I'd like my friends, my wife and kids, to have a healthy, happy holiday. If I had that, any other Christmas present I received would be wonderful. Come to think of it, though, I guess I'd like a leather briefcase or a leather zipper notebook.



HELEN LAMB, 2532. My husband travels a lot, my son is in the U.S. Engineer Corps, and my daughter and granddaughter live in Los Angeles. The only thing I want for Christmas is to have the family together for the holiday. I've been lucky so far, last year I came home from the hospital the day before Christmas.



JIM DAVIDSON, 3124-1. Most of my Christmas presents come too early since hunting is my favorite sport and I'm usually lucky enough to get a hunting gift. Last Christmas my wife gave me a sleeping bag and this Christmas I'm going to hunt around for an air mattress and maybe a gun scabbard.



LOU K. IVY, 1924-2. I've never had a chance to see my parents-in-law and a visit with them in San Diego is what I'd like best for Christmas. Last Christmas I had the finest present any girl can get. Two days before Christmas I found out I was going to have a baby.

