

SANDIA BULLETIN

Vol. 3, No. 18

SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO

AUGUST 31, 1951

H. J. Wallis New Superintendent

Howard J. Wallis has been named Superintendent of Development Staff Services, 1900, replacing Larner M. Gambrill who has returned to Bell Telephone Laboratories in New York and has been assigned to Murray Hill in New Jersey.

Mr. Wallis comes to Sandia Corporation from Bell Telephone Laboratories in Murray Hill, N.J. The Wallis family's home was in Summit, N.J.

A native of Mitchell, S.D., Mr. Wallis graduated from South Dakota School of Mines in 1934 with a



Howard J. Wallis

bachelor of science degree in electrical engineering. His first job was with the U. S. Geodetic Survey in Washington and in 1937 he started work for the Bell Telephone Laboratories in New York City. After 11 years he transferred to Murray Hill where he has been shops manager and general service manager.

Mr. and Mrs. Wallis have three children, Kathryn 11, Barbara 9, and Bill 3. They have purchased a home in Albuquerque on Calle del Ranchero.

Both Mr. and Mrs. Wallis were active in Summit community affairs. He worked with a Boy Scout troop and assisted in Red Cross and Community Chest drives. Mrs. Wallis was a member of the Women's Club and assisted in YWCA and Girls Club work.

New Mexico trout streams will receive Mr. Wallis' attention as soon as possible, he says. He enjoys the sport and is anxious to wet a line in search of some fighting trout.

Radio Engineers Meet with National President of Group

The national president of the Institute of Radio Engineers, I. S. Coggeshall, paid a visit to the Albuquerque chapter of I. R. E. recently and a dinner was held in his honor at the Sandia Base Officer's Club.

A delegation of local Western Union executives was also on hand to honor Mr. Coggeshall. The I. R. E. president is associated with Western Union's trans-oceanic communication system.

The local chapter has 250 members. About 65 per cent of the membership are Sandia Corporation employees. The chairman of the group is Burt J. Bittner, 1132. Preston W. Byington of Los Alamos is vice-chairman and George A. Arnot, 1134, is secretary-treasurer.



RADIO ENGINEERS enjoyed each other's company recently at a dinner meeting in the Officer's Club on Sandia Base. Seated, Captain John Crone watches R. P. Petersen and R. E. Poole greet I. S. Coggeshall, national president of the Institute of Radio Engineers, who was visiting the Albuquerque group. Seated between Mr. Poole and Mr. Coggeshall is Ted S. Church, past chairman of the Albuquerque chapter of the I.R.E. With her back to the camera is Mrs. Louis Hopkins.

Sandia Magicians To Trade Tricks In Austin, Texas

Hurry, hurry, hurry! The big show is about to start. Magicians from the Albuquerque Magicians Club are planning to attend the First Homecoming Convention of the Texas Association of Magicians in Austin this weekend.

There will be three lectures by outstanding conjurers and a closeup show of the more deft tricks. The Convention will wind up with a big Texas barbecue.

The Club is planning a meeting September 7. Members attending the Texas convention will make a report and each member of the club will present a trick involving a liquid effect. Bill Jenkins, 2244, was inducted as a new member at the last meeting of the group.

Radio Operators Hear About Electronics In Medical Science

A discussion of electronics in medicine was held by the Sandia Base Radio Club, Monday night, August 27. Dr. Howard Meredith and Dr. Clayton White of Lovelace Clinic and Dr. F. G. Hirsch participated in the discussion.

During the business meeting plans were made by the club for participating with Kirtland's Radio MARS group in an amateur radio station at the New Mexico State Fair this fall.

Toastmistress Club Plans First Meeting Wednesday, Sept. 12

Turquoise Toastmistress Club of Sandia Base will hold its first regular dinner-meeting of the season 6:30 p. m. September 12 at the Officers Club. Mrs. M. H. McMichael will be toastmistress and Mrs. J. J. Michnovicz, topicmistress. Miss Beth Krajovic will give a report on the International Toastmistress convention which she attended in Denver this past July.

There will also be an initiation ceremony for Mrs. Bruce R. Young.

Mrs. A. J. Dyer, presiding officer, advises that the meeting will be mainly for the purpose of group discussion and planning for future meetings.

New Bus Service

Albuquerque city bus service between Sandia Base and the Inez and Bel Air districts is now in operation for Sandia Corporation personnel. The morning buses leave Bel Air at Menaul and Washington streets at 6:25 a. m. and 6:55 a. m. The first afternoon bus leaves the bus turn around on South Main street at 4:10 p. m. and the second bus leaves the South Tech area gate at 4:40 p. m.

Vacation's Over, Trek to Classes Starts Tuesday

An odd silence will soon fall on the streets of Sandia's residential areas. Many of the noises will be the same—dogs barking, cars going by, housewives chatting—but something will be missing. You've guessed it, children's voices will be gone—gone to school.

On September 4 at 9 a. m. those doors will open and vacation will be at an end. According to Mrs. Barbara Stratton, assistant principal, there will be 125 to 150 new students entering the Base school this semester. Fifteen pupils graduated last spring to high schools in the city. The total school enrollment this fall is estimated at 500, Mrs. Stratton said.

School hours for grades from the first to the third will be 9 a. m. to 11:30 a. m. and 1:05 p. m. to 3:30 p. m. Grades three to eight will attend from 9 a. m. to 11:50 a. m. and 1:05 p. m. to 3:45 p. m.

Most of the students can draw some consolation from the thought that there will be no home work until the seventh grade. There's no use trying to console the seventh and eighth graders.

Fellow Employees:

The City of Albuquerque and the State of New Mexico are joining in a nationwide U. S. Defense Bond drive which starts in September.

The regular purchase of Defense Bonds through the Payroll Deduction Plan not only offers an excellent opportunity for the systematic savings required as a safeguard against family emergencies and for future spending, but by subscribing now we can get the added satisfaction of contributing to the success of the present drive.

It has been suggested that investment in Defense Bonds from overtime earnings provides a good way to save without changing the budgeting of base pay. I believe that this idea has a lot of merit and therefore suggest it to you.

The Payroll Deduction Plan was made available for your convenience. Why not ask your supervisor for a payroll deduction card and start buying Bonds now?

George Landry

Joe Reichman to Play September 7 At Coronado Club

The "Pagliacci of the Piano," genial Joe Reichman, will present his famous orchestra and their popular melodies at the Coronado Club on Friday, September 7.

Reichman, since his earliest days as a band leader, has made his orchestra one of the outstanding melodic outfits in the nation. Joe's sophisticated music, along with his natural flair for showmanship and comedy, has won him ranking among the outstanding orchestra leaders in clubs, hotels and theatres.

He is the originator of the illuminated mirror above the piano keyboard. Joe was educated for a profession in law, but he threw away all his training after a few months with a law firm and headed for New York. There he made his musical debut at the famous Hotel New Yorker and since that time has played in the most famous supper rooms in the nation.

The "Pagliacci of the Piano" and his orchestra will perform from 9 p. m. until 1 a. m. at the Club. The charge will be \$2.50 per couple for members and \$3.50 for guest couples. Since a capacity attendance is expected, reservations should be made in advance.

Service Benefits Hailed By Employees in Armed Forces



SANDIA CORPORATION EMPLOYEES who have been called into the Armed Forces are now stationed literally all over the world, but some of them are now stationed close to home, and others have already been released. They, and those who will be called in the future, are learning about their many employee benefits provided by a recently liberalized plan announced by the Corporation which affects all employees who leave their jobs here to enter military service. At far left is Chief Petty Officer Burton Bell, formerly of 2231, now stationed at Kirtland

with the Naval Air Detachment, signing an application for a military allowance pay differential which the Corporation pays to help cushion the transition from civilian to military life. Burt's wife, Carmelita, and their two sons look on. Larry does some mental calculations with his eyes closed, while Jimmy dreams of a new tricycle. Leo Apodaca, 1230, at right in the second photograph, expects to enter the Air Force in the near future, and dropped in at the Public Relations Office to talk with Ted Sherwin, 3125, about service benefits. Back at work as a Security Inspector is Benny Anaya, 2452, after several months service with the Marine

Corps. Benny was one of the first to receive a pay differential check, as the benefits are retroactive to July 1, 1950. He is shown picking up his check from O. Ulivarri, Jr., 3221, at the Cashier's window. Guy Willis, now stationed with AFSWP at Sandia after many months in Korean waters, read about the service benefits in the BULLETIN. The military allowance he will receive will be more than welcome, according to Guy and his bride of a few weeks. Guy was in 1228, which since has been absorbed by 1610, before he entered the navy last September.

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Friday, August 31, 1951

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

Robert S. Gillespie, Editor

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Telephone Ext. 25253

Don't Let It Be the Last Week End

This is Labor Day week end. At the risk of sounding somewhat trite we'd like to caution you not to become a statistic. And in New Mexico, as in most other states, it's not too difficult a job, according to traffic fatality records. More than 236 people have been killed on New Mexico highways so far this year, and more names will be added to the list each week remaining in 1951. The toll is already about 45 per cent greater than the figure for the same period last year.

Every holiday millions of motorists take to the highways for an outing—an opportunity to get away from the job and enjoy a day or two of relaxation. It's a good thing for the worker to get a change; it makes him a better worker. These holidays are a part of our American way of life and we hope that they will continue to be enjoyed by Americans.

Apparently the only threat to the holiday institution in the United States is the automobile. Or perhaps more accurately the threat is the fellow who gets behind the wheel of the car. Some wag has commented that automobiles are mechanically safe enough, it is the loose nut at the wheel which causes all the trouble.

Now such comments are not too flattering to the motorist. Most drivers are safe and sane. It is the reckless minority among the motorists which gets the heretofore wreckless drivers into trouble. In the great majority of cases, someone is breaking the law when a fatal accident occurs, but death makes no distinction.

Being careful is not enough. To qualify as safe drivers we must obey all safety rules and in addition we must assume that every driver we meet on the highway is one of the other crowd. You know the expression, "Drive carefully, you may meet a fool." It may cramp your Labor Day week end driving to classify every oncoming motorist as a potential accident looking for a place to happen. But it may be the safe thing to do, too. Your epitaph will bring scant consolation to your loved ones if it reads: "He was dead in the right as he sped along, but he's just as dead as if he'd been wrong."

Be sure your car is in shape, obey traffic laws, use courtesy, caution and kindness and enjoy your drive.
Happy week end.

AROUND THE DEPARTMENTS

An expert in giving a car that egg shell finish is **Burt J. Bittner**, 1132. Burt recently painted his car by spraying with the vacuum cleaner attachment. His co-workers are giving him quite a ribbing.

Freida Salazar, 1210, took her vacation recently to visit Las Vegas, Nev., San Francisco, Los Angeles and Mexico.

Colorado Springs and Cheyenne, Wyo., were chosen by **Rose Pelz**, 4212-1, for her vacation.

O. L. Wright, 4212, and family spent their two-week vacation in Tennessee.

Gerry Cacciate, 2461-3, and husband, **Chuck**, 2452, spent their vacation in Durango, Colo. They took their Chesapeake Bay Retriever, "Girl" along and had their fingers crossed that she wouldn't scare the fish.

Personnel of 2461-3 hope that **George Blea** has a quick recovery. George recently underwent surgery at Presbyterian hospital.

Leah Blikensstaff, 2461-3, journeyed up Colorado way for her vacation.

Anthony Edward Montoya, son of **Lucille Montoya**, 2461-3, celebrated his second birthday August 19. Lucille says it was an occasion enjoyed by the whole family.

Welcomes are extended to new AEC employees. **Larue Baggett** is from Albuquerque; **Claude Weimer** from Hungry Horse, Mont., and **Katherine Roger** is from Louisiana.

The **Douglas Kings**, AEC, are mighty proud of their new home which is located on Trumbull Ave.

A trip to Mexico is being enjoyed by **Yvonne Kilgore**, 2312, and her husband enroute to their new home in Valmeyer, Ill. Yvonne worked for Sandia Corporation and the University of California for three years while her husband was attending the University of New Mexico. He will teach science in the Valmeyer schools. Friends from Sandia Corporation entertained Yvonne at a party before she left at the residence of **Mrs. O. F. Shepherd**, 2333.

Jess Atkins, 2333, is recuperating in his home from a minor operation and will be back to work in a short time.

Lucille Rhoad, 2332, and her husband spent their vacation visiting friends and relatives in South Carolina and Washington, D.C. They report they enjoyed the visiting and the southern fried chicken.

Roseanne Bascom, 2222, is sporting a new Ford convertible which is trying to get the best of her. Roseanne has been nursing a cold ever since she got the car.

Lee Crawford, 2221, decided against the expenses of a vacation trip and instead purchased a new Buick and stayed at home shining it up.

Two hotshot hitters from 2123, **Alfred Taylor** and **Tex Arterburn**, played at the recent state regional baseball tournament in Clovis. They represented an Albuquerque packing firm.

Mae and Bob Fegan made a grand tour of the west on their vacation. They stopped by Yellowstone, Seattle and coming back went through Yosemite. Bob works for AEC.

Tales of Pancho Villa Related by Army Veteran of 31 Years Service

In 1909 a gawky 17-year-old signed the paper that started him on an exciting Army career lasting 31 years. During those years he was on the spot when big things happened and big changes were made.

He was there when they had Pancho Villa cornered. He was there when they formed the first U. S. Army division. He was there both times when the Germans started to march. And he was there when the importance of Los Alamos was being realized.

Call Him "Pop"

His name is Nelson T. Jones, 2451, but call him "Pop."

The cavalry was the thing in those days. Pop joined the Army, was assigned to the Sixth Cavalry Regiment and soon found himself traveling south to patrol the Mexican border. Mexico was in revolt then. Diaz was president and Madera was leading the rebellion, aided by a peasant general named Pancho Villa.

That patrol was uneventful, but the hardships were appalling to a teen-age youngster. They lived in the saddle and rode the desert and mountains from dawn to sunset. In 1913 he was transferred to a field artillery outfit at Texas City, Tex. There he was a part of the organization of our country's first Army division—the Second Division. It was short lived. A flood swamped Texas City in 1915 and wiped out the division records. The unit was then broken up.

Helped Chase Pancho

Meanwhile Villa had become notorious and in June 1916 he pulled his famous raid on Columbus, N. M. General Pershing was sent to chase him down and Trooper Nelson went along as chief of scouts with the Fourth Field Artillery Regiment. It was during this renowned campaign that he had his strangest experience and incidentally learned a trick that perhaps saved his life during World War I.

While trekking across the Mexican desert on the trail of the bandit horde, Pop's regiment suddenly discovered the supply wagons were low on feed for the horses. They sent the wagons back for supplies while they camped near a tiny settlement whose inhabitants refused to sell them grain.

The days went by and the horses suffered for want of food. Even the soldiers' meals were being rationed when, unbelievably, heavily laden Chinese appeared on the outskirts of the desert camp and set up lean-to restaurants. Pop never found out where they came from. The nearest town was almost 100 miles away and they weren't a part of the nearby settlement.

The artillerymen asked no questions, just filled themselves with ham, eggs, and steaks.

Grain Thief Patrol

"Our food problem was solved but the horses were still starving," Pop says, "so I got a few of the boys together one night and we went on patrol. Before dawn we had fed the horses and stashed a load of 'liberated' grain in the desert to the north of the camp. In the morning the settlers turned up complaining that their grain had been stolen. The Colonel called me and asked where I thought a grain thief would head. 'Probably south, Colonel,' I said, so he put me at the head of a party of settlers and we spent the next two days searching the desert south of camp. We never found the grain or the thief."

The wagons at last came back and they took up Villa's trail again. He was cornered finally at Parral, Mexico, Pop says, but they were too slow in getting the cannon up into range and



"Pop" Jones

the wily Pancho escaped for good.

The grain episode was repeated during World War I when Sergeant Jones was in France, again under Pershing's command. His unit was isolated in the Black Forest, the oats had run out and the enemy was approaching fast. The horses were needed to carry the men and equipment back to safety, but without feed the animals were dying one by one.

Wounded Twice

On a French farm Pop uncovered a cache of oats. In the dead of night he and his men loaded a wagon but in the midst of the operation the farmer discovered them and raised an uproar. In pidgin French, Pop told him the oats were for General Pershing. This calmed the Frenchman, but he demanded a receipt so Pop wrote one out and signed it "General Pershing." Pop often wonders what happened when the farmer tried to collect.

Pop considers himself lucky and maybe he was. He was wounded twice during the war—both times three machine gun slugs ripped through his right leg but none of the six shots touched the bone.

He stayed in the Army as a master sergeant until 1943 when he became a lieutenant. That same year he married a WAC. They found they had a common bond when conversation revealed that she had been stationed at Fort Des Moines, Ia., Pop's old headquarters, and had been quartered in a building that had once been the stable for Pop's horses.

Retired in 1947

In 1945 Pop was back in France, this time in Marseille as a captain commanding a Military Police Battalion. He served in various capacities overseas until 1947 when, as a major, he put in his application for retirement. It was his thirty-first year in the service.

But you can't keep an old war horse out of harness. By December of that same year Pop was tired of playing golf and waiting for his pension check. He joined the AEC staff at Los Alamos, later went to the University of California, and now is supervisor of Division 2451, Plant Security Department.

The world has changed a lot since Pop Jones was a raw recruit and he was on the scene when a lot of the changes occurred. There'll be more changes, bigger changes—and when they happen Pop Jones hopes to be there.

Promotions to Supervisory Positions

LUKE J. VORTMAN was recently appointed supervisor of Division 1631. Prior to joining Sandia Corporation in 1949 Luke attended the University of Illinois where he received a bachelor of science degree in architectural engineering and a master of science degree in management. Luke is a veteran of four years Army service. His home town is Havana, Ill. Mr. and Mrs. Vortman live in Albuquerque.



WILLIAM B. DUPREE is the new supervisor of section 2223-2. A native of Houston, Tex., Bill was an advertising salesman for two newspapers, the Houston Post and the Houston Chronicle, for 23 years. During World War II he worked at the Dixon Gun Plant in Houston, a subsidiary of the Hughes Tool Co. Bill, who makes his home in Albuquerque, came to Sandia in 1947.



WILLIAM J. HARMEYER has been promoted to supervisor of section 4152-1. He is married and has two children. Jim was an assistant professor of accounting at the University of New Mexico for four years before joining Sandia early this year. He has 11 years teaching experience and three years in internal accounting as assistant adjutant of the New Mexico Military Institute, Roswell, N.M. Jim is a certified public accountant and holds A.B. and M.A. degrees in business education. The Harmeyers live in Albuquerque.



MARCEL C. SCHIESS was recently named section supervisor of 1542-2. He is married and has four children aged one, two, three, and four. Marcel came to Sandia in April with degrees in mechanical engineering and electrical engineering from the University of Miami. He worked as a photoengraver in Florida for three years. His experience also includes three years in powerline construction. He and his family live in Albuquerque.



BUILDING 839 WAS POPULAR Monday, August 20, when the new lunch room was opened. Patrons of the new eating establishment enjoyed sandwiches, salad, desserts, and hot and cold drinks prepared by the Sandia Corporation restaurant in the Coronado Club. The new lunch room is open from 12 to 1, six days a week.

Seeing New Mexico on Weekends



A BULL FIGHT IN JUAREZ is an example of the great national sport of Mexico. This is a view of the arena taken on a Sunday afternoon by a Sandian, Felix Padilla. The picture is complete in that it includes the back of a fan's head which you will see about as often as at an American football game. Buy your seat on the shady side. It costs more, but is comfortable. Bull fighting season opens Sunday afternoon, September 2, and fights will be presented every Sunday during September, October and November.

Though not in this state, Juarez, Mexico, is our final suggestion in this series for a week end trip. Not far from New Mexico borders, the city is a haven for tourist-shoppers who wish to take back home some of the artcraft from old Mexico. Juarez is a large city for this section of the country, bigger than El Paso. It is a typical tourist town, interesting and entertaining, and brings "south of the border" into our own back yard.

Juarez is across the Rio Grande from El Paso, Tex., about 270 miles south of Albuquerque on Highway 85. The drive to El Paso takes you through the irrigated Rio Grande valley and up onto the desert mesa for varied scenery.

The street south from the heart of the El Paso business district leads you to the entrance to Mexico. Crossing the border into Mexico involves a minimum of red tape. Very seldom do you have to get out of your car, if you decide to drive across. It is a good idea to have some positive identification along in case it is needed. It is not necessary to speak Spanish to enjoy your visit in Juarez. And you need not change your American dollars into pesos for your shopping. Prices in Juarez stores are usually posted in both Mexican and American dollars.

Great Shopping Town

Shopping is an adventure in this city south of the border. There are hundreds of small shops and many large stores which always have varied stocks of goods. Perfume, jewelry, pottery, silver and leather goods are in abundance in the shops and are usually of good quality. The entire list of products available for the shopper is too long to list but there is no shortage of native Mexican and Indian craft work.

In many of the smaller shops it is the custom to bargain before reaching a final selling price. It is all part of the game and the tourist will save some money if he is in no rush to make the purchase. In the larger stores the prices are set by the management and it is poor taste to haggle with the clerks.

There are many good tourist courts and hotels in El Paso. In Juarez there are some tourist courts and two good hotels, The San Antonio and The Continental. Their rates are very reasonable and they are clean and comfortable. It is a good idea to make reservations for your room ahead of time.

May Need a Visa

If you plan going deeper into Mexico than Juarez you will need a visa which may be secured from the Mexican Consulate, 1306 West Central Avenue, in Albuquerque. From Juarez you may bring back into the States \$100 worth of merchandise per person duty free on any one visit in a 30-day period.

This exemption does not include liquor or perfumes which are taxed at the border on your return. United States Customs Service and the Immigration Service may question you as you are entering this country. They may ask to see your purchases, but cooperation on your part will help speed your passing through customs.

A word of caution is usually appropriate to the American tourist going to the foreign country. Remember, when you get there you are the foreigner so conduct yourself as a visitor and a guest. Mexico is our Good Neighbor.

New Employees

Following are listed the new employees of Sandia Corporation who were hired between August 13 and August 24. A cordial welcome is extended to the newcomers. The listing of these names is a regular feature in the Sandia Bulletin.

George W. Rollosou	1112
Clara L. Grady	1132
Chester J. Smith	1132
Rollin H. Koontz	1134
George M. Ewing	1140
Louis W. Withers	1211
William F. Nielson	1212
James O. Reed	1212
Thomas R. Bates	1242
Vernon M. Field	1243
Frank A. Gagliardi	1243
Max E. Steele	1251
William E. Melegan	1251
Claude W. Budds	1251
Charles E. Wierzbicki	1251
Carmelo Paul Rindone	1251
Lonnie A. Morris	1511
Farrell B. Brumley	1524
Margaret Wills	1544
Emily G. Young	1613
Richard J. Rudolph	1623
Sumner E. Lane	1623
Norman C. Bolinger	1633
Robert M. Yearout	1633
Gloria W. Palladini	2111
Adrienne M. Goff	2111-1
Esther E. Morgan	2114
Abe Bertholomey	2121
Willard J. Freed	2122
Lee B. Neeley	2122
Sabro J. Tsutsumi	2123
Kenneth L. Ensign	2123
Wilbur L. Drake	2123
James E. Taylor	2124
Ira J. Honeycutt	2124-4
Kenneth E. Finders	2133
Lyndall L. Carter	2221-2
Doris J. Glaese	2222-2
Raymond M. Caster	2231-4
Adin Sponseller, Jr.	2241-1
Walter F. Ross	2414-1
James M. Meagher	2414-1
Jesus M. Lopez	2415
Lorenza B. Holcomb	2415
Frank Bachiha	2415
Otis V. Short	2415-1
Nazario Gonzales	2415-1
Jose C. DeBaca	2415-2
Andres Landavazo	2415-2
John Chavez	2415-2
Delphine Lopez	2415-2
Guillermo Romero	2421
Abel S. Lucero	2421
William J. Tresise	2452
Stue A. Maffit	2461
Cecelia Brand	2462
James W. Shinn	2483-1
Leonard G. Lind	3151
Dorothy V. Hoeko	2153
Kenneth E. Sutton, Jr.	3230
Shirley Mae Zaluga	4135
Katherine E. Scranton	4151
Fimmie Stere	4212-1
Mary E. Fischer	4222
Constance Weber	4222
Lila N. Pyle	4222-1

A bridal shower honoring Norma Chumley will be given tonight by Sybil Milligan, AEC, Theresa Sullivan, AEC, and Berchie Rumbaugh, 4222, at the Coronado Club. Miss Chumley, AEC, will be married to Don Van Wigal of Las Vegas, N. M., September 8.

AROUND THE DEPARTMENTS

Lots of people fish on their vacation, but few catch a shark. W. O. McCord, 1290, did, however, during his stay at Port Aransas, Tex., with his family. Oh, yes, they caught two mackerel too.

W. C. Scrivner, 1295, rested, if catching your limit of fish could be called resting, at the Columbine Ranch, north of Durango, Colo. His father-in-law matched him trout for trout.

Department 3150 lost two of its employees recently. Barbara Senseney transferred to 2461 and Loveta Golden is transferring to 2222-2. Both girls are wished the best of luck by their former co-workers.

E. W. Peirce, 3152, spent two weeks touring the Pacific Northwest. Gene laid out a complete trip and covered the route along the old Oregon Trail into Pendleton, the Columbia River Gorge, Mt. Rainier National Park, and the Olympic Peninsula, returning by way of Death Valley. "A wonderful trip in all," said Gene.

Jo Anne Lohner, 3153-1, spent two weeks on a vacation trip through California and Nevada. Jo Anne mentioned she visited Los Angeles, Hollywood, San Francisco and Las Vegas.

Mona Cripe, 3153, spent one week vacation at Elephant Butte Lake and enjoyed a week of excellent fishing. Mona said that it was a disappointment to see Elephant Butte at the present low water stage after having seen it in previous years at normal level.

Henry B. Harding, 3151, spent two weeks visiting in Colorado, Utah and California. Hank reports he managed to spend part of the time camping out and had an enjoyable time. Starting September 1 Hank will be working in 1810.

Dan Grim, 2113, and his wife spent their vacation in California visiting their parents. Dan soaked his fishing line at Hoover Dam in 127° of heat, but had to return here to Bluewater in New Mexico for his proud catch of 70 perch and several trout and crappie.

Mary Lafrenz, 2114, vacationed on the West Coast. Her stay in Hollywood was very enjoyable, what with interesting experiences at MGM, the Brown Derby, the Chinese Theater, 20th Century Fox, NBC, CBS, and a round of other famous spots.

L. J. Biskner, Department Manager, 2110, returned from a week's vacation spent locally. The highlight was an all-day mountain picnic with his family. His weary comment was, "The kids really had a field day with the old man."

Eleanor Greenhaw, 2112, was involved in an auto accident on the way to work August 23. She received a broken rib and a cracked vertebrae. She has been hospitalized at the Sandia Base hospital.

Yale Knox, 2114, and his wife, Frances, 4222, headed east to Chicago and then on to New York for a recent vacation. Unusual experiences were theirs at Radio City, Jones Beach, and Fifth Avenue. In confusion at a toll gate near the George Washington bridge, Yale says he ended up paying the toll three times trying to find a particular street. He was quite impressed with a trip through the Corning Glass Works. They were also at Niagara Falls at the time of the "man in the rubber barrel" incident.

Carl Rutgeron, 2130, and Bill Yoder, 2122-3, being natives of Ohio, thought an Indian was a motorcycle. They went to Gallup for the Indian ceremonials to learn differently.

Betty Crain, AEC, has gone to her home in Arkansas to participate as an attendant in her sister's wedding.

Blythe Doleshaw is a new face in the Employee Services division 3122. She formerly worked in 4221-1, the Corporation library, and has been a Corporation employee for the past three years. Her husband, Dave, is in 2240. Blythe replaces Jackie Downing who has retired to the role of housewife.

Vacationing in California recently were Maruth Gruver and her husband. Maruth works in 4310.

Cpl. Adolph Edward Sena was married to Sylvia Rose Pettine last Saturday at Our Lady of Fatima Church. Cpl. Sena, son of Mr. and Mrs. Joe Sena, worked in 2415-1 before going on active duty with the National Guard. He is presently stationed at Ft. Bliss, Tex. His father is employed by the Corporation in 2413.

Frances Winter, 2461-3, her husband, Ray, 2243-1, and their three children visited relatives and friends in Shreveport, La., for a portion of their vacation. They then traveled north to Chicago and came back through the Ozarks and visited the Will Rogers Memorial in Claremore, Okla.

Betty Moore, 1710, is the proud owner of a new grey-green Mercury, two-door sedan. Right now the Moores' tentative plans call for a break-in drive over the Labor Day week end to Lincoln, Neb., and back.

Lois Barney, 1714, has a full program planned for her vacation which starts tonight. She and her husband are planning to go to Amarillo to attend the Shriners convention and ball. From there they plan to go to Lubbock and Brownsville to visit relatives. After that they will jog down through Carlsbad, El Paso and Juarez before they return to Albuquerque to paint their living room and dining room. If time permits they will then take a trip to Denver and back.

J. W. Hook, 2210, is back after a much-enjoyed vacation in the states of Montana, Wyoming and Colorado.

The TV ownership curve in 2210 has risen to 37.7% since Gladys Gilliland, 2211, and her husband Jim, 1242, got their "home-brewed" "Tele-Kit" receiver to operate.

Donald R. Weldon, 2211, boasts another son which makes it two for the Weldons. Congratulations.

Judy Clark, 3160 lab technician, is vacationing at Cedarcrest, N. M. Mildred Whitten, visiting nurse, is using her vacation time to rest at home.

Virginia Williams after two and one-half years in 1521 has transferred to 1713 as division secretary. Virginia lives on the base with her husband, a master sergeant in the regular army. Their pride and joy is their 2½-year-old son, Butchy.

Dave, 2130, and Janet Wilkerson drove to Norwalk, Ohio, on their vacation and first attended a family reunion of approximately 60 people. The next day, Dave's mother and father celebrated their Golden Wedding Anniversary; the Wilkersons had a good chance to renew acquaintances, for about 170 attended. Dave and Janet left Albuquerque in a Chevy and drove back in a Packard which has made them very happy. They relate their vacation was a success.

Bill Brown, 2130, went fishing on his vacation. He fished at Elephant Butte Lake, San Machero and in the Cuba area. Bill won't say anything about his luck but he says at Elephant Butte everyone was catching fish.

California is topping the list for vacationers in AEC. Claire Khien went to the coast to visit all his old friends; California is his home. John Cameron spent the first week of his vacation in Texas and then journeyed to the coast for the last two weeks. Arnold Lamb did just the opposite by spending the first portion of his time in California and then went on to Texas. Iris Hardy spent her time visiting her daughter in California.

Jim Karo, 2462-1, and his wife, Carmelita, returned recently from a vacation which took them to Midwest, Wyo., Carmelita's home town, and also to the Jackson Hole country where they had a good time fishing, taking pictures and loafing.

Jim Poindexter, 2462, was absent from work for two weeks suffering from a virus infection. During his absence Bob Fleege carried on for him. Bob has a broken right wrist and it is in a cast so he was mighty glad to see Jim return as were his other co-workers.

Jerry Morrisroe, 1243, and family returned recently from a vacation tour of Yellowstone Park and intermediate points. They were well-impressed with the scenery, but Jerry says he passed up the best picture possibility because no one would have believed it anyway.

Harold Bolser, 4234, has some tall fish stories to tell after two weeks in Colorado fishing in Lake San Cristobel and in the Creed area. Since he forgot his yardstick and camera we are accepting his word for the size of the big ones.

R. B. Yoder, division supervisor 3221, returned recently from his vacation trip. He, his wife and three children visited Canada and Montana.

Vacations are still in full swing in 2417-1. Those who are enjoying their days of relaxation now are Paul Silva, Bill Prokosch, James Richards, Elmer Templeton, Lewis West, and Jose Montoya.

Personnel of 2417-1 miss Ernie Alfred's friendly smile since he transferred to 2121.

Joe Sanchez, 2417-1, has been on temporary military training at Fort Bliss for the past two weeks.

Joe Armijo, 2232, passed out "it's a girl" cigars to boys in the shop recently. Congratulations to both him and his wife.

Dick Strome, 2463, recently became the father of a boy, the second in the family. Congratulations to Mr. and Mrs. Strome.

Jack Martin, 3152, spent a few days on a recruiting trip to Los Angeles and vicinity.

Neil Hansen, 3152-1, spent one week recruiting in Milwaukee and Chicago. Results were good. Weather report—not so good. He was glad to get back to New Mexico.

Vacationers in 1530 include Hazel Hull who went to Tennessee; Barbara Tyner, Cheyenne and Denver; Gordon Barnett, Missouri and Arkansas.

Personnel of 1530 extend a welcome to Nancy Johnson who transferred from 1710.

Paul Dugan is the proud father of a son, Patrick, born August 11. Congratulations. Paul works in 1530.

Billie Duggin, 1530, is due congratulations on the birth of his son, Ronald Wayne.

Ed Ehrman, 1251-3, attended the International Radio Engineers' convention held in San Francisco August 21-24.



BEATING THE SKINS to a jivey tune is Keith Schroeder, 2113-4, who can play most any type of music with the same degree of skill. Keith has the sticks on the tympany (kettle drum). In the foreground are Chinese Temple blocks and to the left is a xylophone and cymbal. In front of the two kettle drums is a snare.

Keith Played Drums To Put Himself Through College—Now It's A Hobby

Hum or whistle any tune, Dixieland jazz or symphonic, and Keith Schroeder, 2113-4, starts tapping out a rhythmic beat.

Drums Through College

Keith started thumping the skins back in his high school days and despite the neighbors' complaints, became adept enough to earn his way through college with his drumming. Those were the days of such tunes as "Brother Can You Spare a Dime," "Tiptoe Through the Tulips" and "Pennies From Heaven."

Lincoln High School orchestra in Lincoln, Neb., gave him his start. When he enrolled at the University of Nebraska he advanced to the University band. This took a great deal of his time for he was studying chemical engineering. But Keith was young and eager and soon joined Eddy Jungblut's (no fooling!) 12-piece college dance band. Jungblut was the hit of Lincoln and Keith gave out with the best on the latest hits of the day.

He also found time to give an occasional lesson in the art of the drums to some of his college buddies.

Love that Kettle

Keith has dabbled in all types of percussion instruments—traps, marimbas, vibra-harps, glockenspiels and tympani. He says he most enjoys playing the tympani (more commonly known as the kettle drum) for it can be tuned to play the whole scale.

Upon graduation from the University, the tympanist became a member of the Lincoln Symphony Orchestra and played with the group until 1937

when he came out west to the mining town of Leadville, Colo. His style then switched to polka music when he played with a local Slovenian band. It was in Leadville that he met his wife, Helen Dorothy.

From 1941 to 1946 Keith put aside his drums to serve his country in the Army Signal Corps. But once the war was over he was back in Lincoln working for Western Electric Co., during the day and participating in the Lincoln Symphony concerts during the evenings.

Drumming in His Blood

The Schroeder family, Keith, Helen, and their two children, Mary Lou, 4½ and Bobby, 2½ moved to Albuquerque a year ago.

Since he has been here the drums haven't been getting as much attention as Keith would like. Occasionally at a party he gets a chance to show his stuff. This summer he had the opportunity to get back in the swing when he played with the Production Engineering band. They played two nights a week at the University of New Mexico under the direction of the University's band director.

Keith's drumming activities are now in the hobby stage. But it's evident that drumming is in his blood and he'll never be able to give it up completely. Even while sitting at his desk talking to your reporter his fingers drummed out a rhythmic beat.

SALTON SEA NEWS

Best wishes for a complete and speedy recovery are extended to Mrs. Guy Johnson, wife of Guy Johnson, 2483. She received a serious injury several months ago.

The "CQ's" were really buzzing over the lines recently at the Sea when Jack Halliday, 1623-4, and Bill Reid, 2462-1, were here on business. John has a mobile unit in his car and Ted Sprink, 2480, has a ham radio set. During off-duty hours, they were busy with their calls and Bill, an ex-ham himself, was an interested onlooker.

Proud owner of a new "88" at Salton Sea is Burand L. Reynolds, 2483. They say it's necessary to have something to keep those Imperial Valley highways warm with the cool temperatures of 115 to 120 we've been having.

Here's How to Use Your Spare Time

Sandia Corporation employees have been invited by the Sandia Base Art League to participate in their art classes this fall. The first meeting will be Thursday, September 6, at 8 p. m. in the Sandia Base school auditorium. No particular talent is necessary.

Classes that will be offered are silver working, leather tooling, ceramics, gem cutting, textiles, pastels, oil and water color painting.

Coronado Club Notes

Buffet September 9

The buffet dinner-dance originally scheduled for the Labor Day weekend has been postponed until the following Sunday, September 9, in order to avoid a conflict with a function scheduled by the Officers Club. Two buffet dinner-dances are scheduled for September, the second being on Sunday the 30th.

Other features of the September schedule include: Arthur Murray dance instruction, September 4 and 18; bingo, September 12 and 26; bridge parties, September 13 and 27; canasta, September 6; square dances, September 14 and 21; and informal dances, September 15, 22 and 29. A juke box dance will be held tomorrow night and another juke box dance is scheduled for September 8, the night after Joe Reichman's orchestra plays for a special Friday night dance.

Recent Board Actions

Excerpts of the last meeting of the Board of Directors indicate that:

Plastic glasses are to be obtained for use on the patio to reduce breakage costs.

Arrangements have been made to send activity schedules to all members including those whose dues are paid in advance. Anyone not receiving a schedule shortly after the first of each month should call the Coronado Club office, ext. 24148.

A member of the entertainment committee will attend each scheduled function at the Club and render a formal report to the Board on the success of the function in an effort to schedule activities which are most popular with members.

A Lindex file of members will be placed in operation in the near future to facilitate checking at the door.

Game Room Damage

The Board discussed the recent damage to the game area facilities in the basement and decided to send a letter to all members requesting their cooperation in discussing the problem with their children. Investigation has revealed that much of the damage has resulted from misuse of facilities by youngsters. The Board has ruled no one under 18 may use the billiard tables in the future.

Arrangements will be made with the Anderson-Dunham Company to offer snacks for sale at the bar.

The Board authorized the expenditure of \$500 to put the bowling alleys in top notch condition before the start of the bowling season.

What Is Your Opinion . . .

What Is the First Thing You Notice Upon Being Introduced to a Member of the Opposite Sex?

LEWIS D. WALRATH, 2452. Oh, I notice that she's a woman. I notice her eyes and her smile. Whether she's pretty or not doesn't matter. I notice her personality and voice. Age is immaterial because I love all of them.

MARIE O. HUBBS, 4222-1. I think the very first thing I notice is a person's eyes. You can usually tell immediately the type of person he is. Of course, you can't always tell whether he'll beat his wife or not, but generally whether he's kind, jolly or sad. Probably the next thing I notice is the way he dresses.

ALLEN DALE, 4212-3. Her hair probably. The reason I say that is because you usually describe a woman by the color of her hair. You remember a person as a blonde, brunette, red head or whatever he or she might be.

PAULINE CAMPBELL, 3160. I first notice his clothes. I prefer men who wear casual or sportswear. I also notice the eyes and smile. You can usually tell whether they are easy to get along with by the way they smile.

RICHARD KIDD, JR., 1222. I think probably I notice her eyes and smile and personality. I notice her dress too—the way she's dressed. That's just the first few seconds. I might then notice her speech and manners.

RUTH BURNS, 4131-1. The main thing I notice is the expression on his face. If it's a pleasing expression or down-on-the-world expression. That would include his smile and his eyes. Then, I think the overall appearance is the next thing I notice.

So You Have Hay Fever

If you have hay fever you are miserable. You cry when you're not sad. Your nose is red, stopped up and running. Your eyes itch "behind the eyeballs" where you can't scratch. You sneeze too much even though it hurts. You can't sleep. You lose your appetite, strangers cast disapproving glances when you burst into a paroxysm of kerchoos in public and your friends laugh. For some unaccountable reason the symptoms of hay fever are hilarious to non-sufferers.

Hay fever is a disease caused by an allergy which is a sensitivity of the body to pollens and other proteins, doctors tell us. It is a local expression of the sensitivity in the nose and eyes.

Two Types of Hay Fever

There are two types of hay fever, and the afflicted will tell you they are both unpleasant. They are known as seasonal and perennial. The seasonal variety is thought to be the more common. It begins every year when any particular pollen begins to be wind-borne. The sneezes and red eyes continue until pollination ceases. The pollen comes from plants such as trees, grasses, and weeds. In springtime tree pollen gives allergic people their misery, in the summertime it is the grass pollen which causes the sneezes, and in the fall it is old demon rag weed or other plants which set off the sore nose and eyes.

The hay fever sufferer does not need to be told the symptoms. Each person who is a victim of any type hay fever soon becomes an expert at recognizing and displaying the symptoms. However, you non-sufferers can tell if you are getting hay fever by knowing that the sure signs include itching and congestion of the eyes, spasms of sneezing, a thin often profuse, watery discharge from the nose, and often itching of the mouth and "behind the eyes." In short, you feel terrible.

On dry windy days hay fever victims suffer most. They get some relief when the humidity is high because then the pollen in the air is less. Seasonal hay fever usually attacks its victim about the same time each year—it all depends on when the pollination of the plant to which one is sensitive begins.

Possibility of Relief

Perennial hay fever, on the other hand, affects the victim throughout all the seasons of the year. It is caused by

some animal or vegetable protein. These may include the dander of your pet dog, common house dust, your favorite food or drink, or some medicine you are taking. The situation isn't as hopeless as it sounds for it is often possible to find and remove the cause of the suffering. To solve the problem may mean getting rid of old Rover or avoiding your favorite dessert. It is not recommended that you tell your wife to get the dust out of the bedroom.

It is not always possible to go to a different climate when rag weed is pollinating, nor is it always possible to get rid of the causes of perennial hay fever. You should see your doctor for suitable treatment. This is the first thing, the sensible thing, the recommended thing to do.

In recent years a good deal of progress has been made in the prevention and treatment of hay fever. By testing your skin with various kinds of pollens, the cause of hay fever can often be determined by your doctor. When the cause is known, desensitization treatment can be prescribed. The injections should be started well in advance of the hay fever season so that the body can build up resistance. So don't wait until too late to see your physician.

Treatment Recommended

For some people who have a severe and obstinate case of hay fever the shots may have to be administered throughout the year and it is commonly necessary to continue the treatment for several years. Antihistamine drugs help many hay fever sufferers and specialists are now recommending both the desensitization treatment and antihistamine drug treatment for complete control of the allergy. ACTH is very useful too.

If you find yourself displaying the symptoms of hay fever see your doctor. Don't worry too much if it turns out to be your favorite rose bush or your newest winter coat. Consider yourself lucky as compared to the fellow who sneezed whenever he was near his wife.

Salton Sea Gets T.V.

Milton Berle now appears at the Salton Sea San Felipe Lodge along with the other stars of television. A new 20-inch set has been installed in the Lodge lobby to entertain employees.

AROUND THE DEPARTMENTS

Ben Jolliffe, 2112, and his wife recently returned from a wide loop trip to Iowa, up through Cheyenne territory and back to Albuquerque. The Chamber of Commerce should have Ben writing copy on Wyoming. He knows it like a book and loves it. If you want a description, with all the glowing details, Ben's got it!

Sympathy is extended to Mr. and Mrs. T. T. Robertson, 1251. Mrs. Robertson's father died in Kearny, N. J., August 15.

Carl Normann, AEC, returned to his former home in Minnesota for his vacation.

Ruth Foust is mighty thrilled on moving into the new Wherry Project home. Her husband is with the Army at Sandia.

Mr. and Mrs. Ed Ehrman, 1251-3, are the proud parents of a daughter, Beverly Ann, 6 lb. 13 oz., born August 13.

Mary Alice Fitzsimmons, 3151, and her husband, Paul, who is a professor of geology at the University of New Mexico, will utilize their Labor Day week end visiting Carlsbad Caverns and Juarez, Mexico.

Glenn Milner, 2464-1, her sister and another girl from Los Alamos, spent a wonder vacation traveling around Arizona, Colorado, Utah and Nevada, hitting all the high spots. An extra week away from home came about the hard way—seems another car decided to go when it should have stopped, and the girls were forced to stay on an extra week in Las Vegas, waiting for their car to be repaired.

Evelyn Harris, 2461, became the wife of M/Sgt. Charles J. Traynor of Sandia Base, Saturday, August 18. The wedding took place in Santa Fe and attendants were Mrs. I. N. Rivard, also of 2461, and Mr. Rivard. Evelyn is an Albuquerquean and Sgt. Traynor is originally from Pennsylvania.

Irene Heck, 2461, is planning on an enjoyable Labor Day week end visiting her parents at their home in Oklahoma City.

Mrs. Frank Gurule, 2461, and her husband will take advantage of the Labor Day week end by heading south to Carlsbad for three day's relaxation.

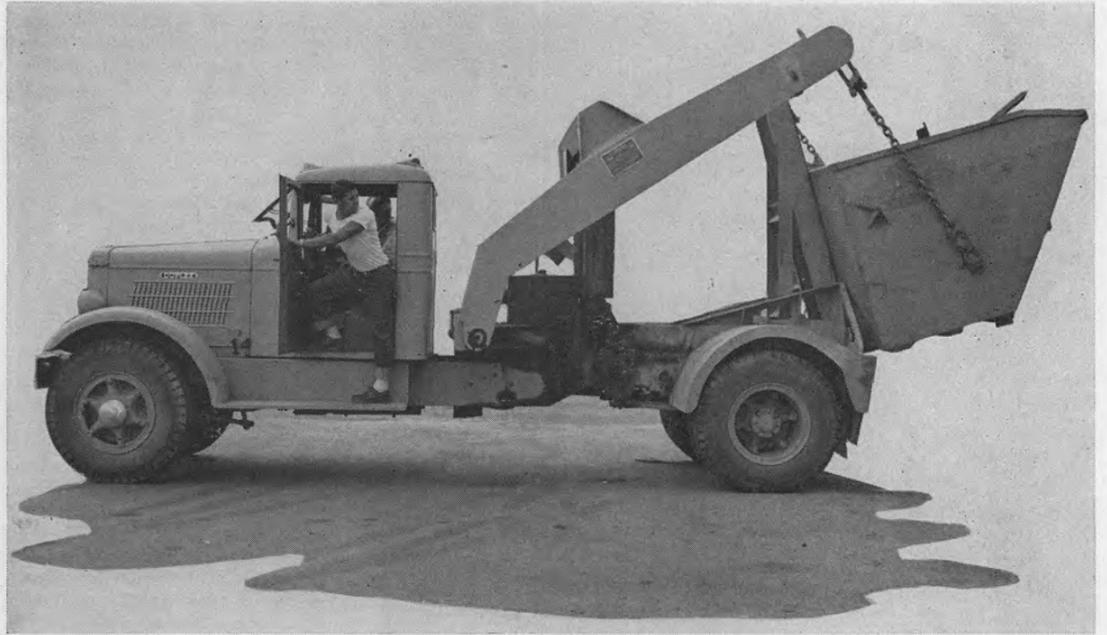
Margaret Mercier, 2111, recently returned from a three-day vacation trip through Colorado, and a fishing trip in the Chama region.

Men and Machines Do the Job

When they built the pyramids the labor problem was terrific. It took centuries and several hundred thousand workers to get one of the giants finished. Most of the work was done by sheer muscle. Today machinery does the work, machinery with power that far surpasses the combined strength of the pyramid workers.

With the equipment right here on Sandia Base a few men could whip up a pyramid in a fraction of the time it took the Egyptians. Brain has supplanted brute strength, brains crystallized in tooled metal. A flip of the switch, a pull on a lever will lift a staggering weight.

Without the machinery to lift and haul heavy equipment, modern industry could not exist. The highest praise belongs to the men who design, build and operate the machines pictured here.



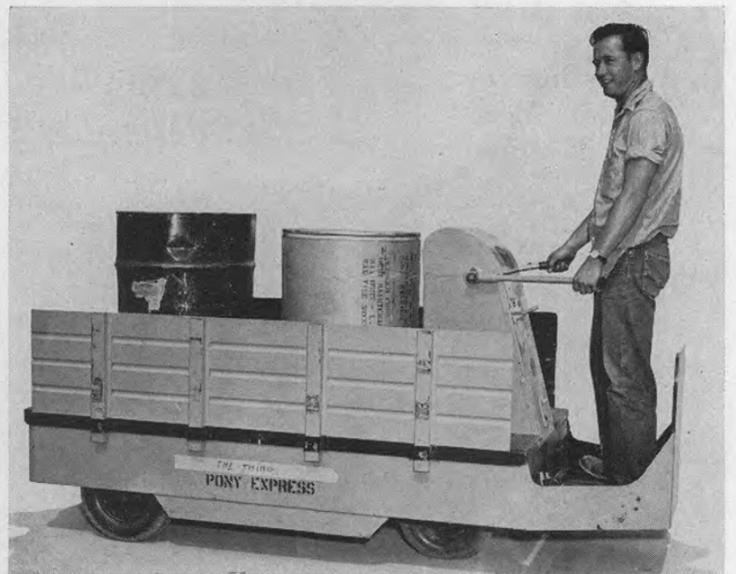
THE DEMPSTER DUMPSTER hoists one of the huge trash buckets spotted throughout the area onto its back and trundles off to dump them five miles away. Here Charlie A. Monroe, 4215, checks to see that the big bucket is being hoisted properly.



SILENT HOIST CRANE on a converted fork lift easily raises a heavily loaded copper scrap container. This crane, driven by Andres Romero, 2121, is fitted for an amazing variety of lifting and carrying operations.



MAGNETIC POWER LIFTS huge crane boom sections under the watchful eye of Jesse A. Floyd, 2417, the magnetic crane operator. The big magnet can raise 5,000 pounds and when the crane is fitted with a hook it can lift 20 tons. Operating the crane tractor here is Stanley D. Brooks, 2417.



PONY EXPRESS RIDER Felix T. Miles, Jr., 2235, smiles as he drives the swift little electric carrier called the Pony Express and nicknamed The Thing. This cart is designed to transport small loads short distances fast.



THE HANDIEST GADGET on the base is the fork lift. They come in all sizes and shapes from little box lifters to monstrous machines that can hoist 18,000 pound crates 20 feet in the air with ease. Raymond Summer, 2124-1, uses a 3,000-pound fork lift here to stack small crates.



YOUNG MAN WITH A BOW Johnny Vogel draws a mean arrow with a bow two feet taller than the 7-year-old lad. His archer dad, Francis Vogel, gives him pointers. Francis is holding his 55-pound hunting bow and the quiver on his back contains a variety of arrows he made himself.

Bow and Arrow Hunter Makes Own Shafts; Gives Up Golf For Archery

When Francis X. Vogel shoots an arrow in the air he knows where it will fall, because besides being an expert archer he makes his own arrows.

Switches Sports

About two years ago Francis, 4310, was an ardent golfer, shooting in the low eighties. One day he tried his luck with a bow and arrow and he hasn't lifted a golf club since. Today Francis has three bows and all the equipment necessary to make bowstrings and the five standard types of arrows.

The power of an arrow shot from a heavy hunting bow is amazing. Francis once shot an arrow completely through a running deer. Making an arrow that will fly straight is a skill in itself. Francis buys the shafts, sands them and puts on three coats of lacquer and a coat of paint. The next step is to glue turkey feathers to the end of the shaft. To shape the feathers properly Francis uses an electrically heated wire bent into the desired form. He lays this against each of the three feathers on the arrow, shearing off the excess and leaving the outline he wants.

The arrowhead determines what the arrow is to be used for. For hunting the head is flat, needle-pointed steel with razor edges. The field point arrowhead is cylindrical and pointed. It's used for general shooting. Small game are downed with an absolutely blunt steel tip. It acts somewhat like

a dum-dum bullet, Francis says. The target arrow has a rounded steel head and for just playing around there is an arrow with a blunt rubber head larger in circumference than the shaft.

Makes Par With Bow

Archer Vogel has given up golf, but he still manages to combine golf and archery. He takes his bow and a quiver of arrows to a golf course and shoots his way around the holes. In golf you aim at the hole, in archery-golf you aim at a tiny six-inch target set up over the hole. Francis usually makes par for the course.

His 7-year-old son, John, is learning the hard way. His bow is five feet long, topping him by about two feet, yet he manages to hit the target quite often.

John and his mother arrived in Albuquerque last week. Francis joined Sandia Corporation early last month and the family followed. Already he belongs to the Rio Grande Field Archers. On week ends he practices at a range outside of the city maintained by this archers club. He's looking forward to learning a sport peculiar to the Albuquerque area—shooting carp in irrigation ditches.

Coronado Bowlers Will Open Season On Improved Alleys

The Coronado Club bowling alleys are closed for resurfacing, according to Willis Jobe, member of the board in charge of athletic and recreation programs. The work will be completed about September 20 by the Brunswick Company.

Three men's leagues are lined up at the present time, Jobe said, and a women's league will probably be formed soon. This leaves one open night plus weekends when there will be no scheduled matches and alleys will be available to any members who wish to bowl. Wednesday will probably be the week night open.

All league bowlers using the Coronado alleys must be members of the Club, Willis cautioned.

In addition to resurfacing, the finest league bowling pins have been ordered and good quality practice pins will be used at other times.

Mac Converts Common Desert Cactus Into Beautiful Lamps for the Home

To most people a cactus is an unfriendly desert plant that should be scrupulously avoided, but to C. M. McFarlin, 2413, a cactus is a lamp.

Mac doesn't think of all cacti in terms of lighting, only certain varieties, and then only when they're dead. It all started back in 1931 when Mac came to New Mexico from Oklahoma. Ever since he was a boy on a ranch, Mac has been sort of a jack-of-all-trades. He has a quick way of learning the knack of a thing, whether it be blacksmithing or carpentering.

Sees Use for Cactus

He doesn't remember exactly how it came about, but it wasn't long after Mac arrived in the cactus country that he recognized the ornamental possibilities of these strange, twisted pieces of wood.

When cactus dies it withers into a hollow cylinder of extremely tough wood fiber spotted with odd shaped holes where the spines have dropped out. In many ways it resembles old driftwood.

After experimenting Mac decided that a lamp would be the best way to make use of these little hollow logs. He now makes several kinds of stand-up lamps out of cactus branches, but his favorite is one that resembles a covered wagon.

To make this he first selects a piece of cactus about three inches in diameter and eight inches long. It's hard to find the proper type of small tree cactus around here so Mac goes to Arizona to get his ma-

League Golfer Makes Eagle on Five Par Hole

A highlight of the Sandia Corporation Golf League competition was an eagle 3 made on number five hole at the University Golf Course which is par five, by Ferris Johnson on team 4, flight A, recently.

The standings as of August 19 are as follows:

Flight A

Team 4, Pierson, Dierks, Johnson, won 5, lost 1; Team 2, Horne, Jr., Baumgartner, won 4, lost 2; Team 7, Hicks, Williams, Cowan, won 4, lost 2; Team 5, Hopper, Hunnicut, Siglock, won 3 lost 3; Team 8, Horne, Sr., Deutsche, Price, won 3, lost 3; Team 6, Nelson, Summers, Lettrich, won 2, lost 4; Team 1, Cocke, Fellows, Benish, won 2, lost 4; Team 3, Brooks, Lindell, Lockwood, won 1, lost 5.

Flight B

Team 2, Claassen, Sharp, Bush, won 5, lost 1; Team 5, Thomas, Johnson, Kennedy, won 5, lost 1; Team 4, Skinrood, Hines, Kidd, won 4, lost 2; Team 8, Cavanaugh, Hess, won 4, lost 2; Team 1, Quirk, Ryan, Sampson, won 3, lost 3; Team 7, Fornero, Snyder, won 2, lost 4; Team 3, Hickey, Campbell, Jones, won 1, lost 5; Team 6, Weldon, Irving, Angus, won 0, lost 6.

Day Bowling for Night Shift Men Is Being Planned

Night shift workers interested in forming an afternoon bowling league are urged to contact Melvin Heineken, ext. 29142. Mel has had several requests to make arrangements for the bowling and will do so as soon as he can find out how many employees are interested.

Women's Bowling Starts September 5

The Women's Bowling League will hold a meeting Wednesday, September 5, at 7:30 p. m. in the Coronado Club television room, Vi Parsons, league president, has announced.

All women interested in bowling for the next season are requested to be present at the meeting.

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—

16-gauge shotgun, Stevens double barrel, full choke and modified. Oiled stock and carrying case, excellent condition, \$40. Ed Amonette, ext. 22142 or 4248.

Sun Visor, custom built for a Pontiac; shoulder holster for a 4½ inch barrel gun. A. F. Fields, ext. 23247 or 5281.

AEC registered cocker puppies, two black and white males with brown markings, \$40 each; one black and white male, \$30. Dale Goens, Cedarcrest, ext. 29136.

Savage 219—22 Hornet and 12 gauge, two guns in one. 3x Weaver scope on Hornet barrel, single shot, separate barrels, \$40. Michael Zownir, ext. 26246, 414 N. Monroe.

1949 Fordor Packard deluxe, R&H, 27,000 actual miles, asking \$1495, no reasonable offer refused. S. H. Ryan, ext. 21145 or can be seen at 513 S. Dartmouth, Apt. 1, Alb. 5-8325.

Chickering spinet piano, mahogany finish, perfect condition. H. R. Hanen, ext. 26241 or 25268.

1941 Ford Convertible (with Mercury engine) in good condition, \$400 cash. Danny Worth, ext. 5194.

1949 Ford, custom Tudor, 6 cylinder, R&H, turn indicator, excellent upholstery, 19,000 miles, undercoating, wheels balanced, new paint job, original owner, \$1,250. C. H. DeSelm, ext. 21152 or Alb. 5-2634, 513 S. Carlisle.

Bendix home ironer, almost new, hardly used, \$128.50 or best offer. F. Hendren, ext. 26245 or see at 1704 S. Stanford.

1940 Studebaker champion with overdrive, motor in excellent condition, cheap transportation. Bob Ayers, ext. 4141 or Alb. 5-6077. \$100, priced to sell.

Two-bedroom home, FHA mortgage \$7500, with \$56 monthly payments, will accept cash and late model car or house trailer for my equity. Jerry Washburn, ext. 22152 or Alb. 2-1679.

Small concrete mixer, almost new; MBC Devilbiss paint gun with pot and regulator; one easy sander, all bargains. Jerry Washburn, ext. 22152 or Alb. 2-1679.

Umbrella tent, 9½ x 9½ feet, and gas camping stove, \$50 or will trade. Nick Sannella, ext. 22140 or Alb. 4298.

1949 Chevrolet 8 passenger suburban, good condition throughout, life guard tubes, 6 ply tires, \$1350. L. D. Tucker, ext. 27142 or Alb. 5-8301 after 5 p. m.

1950 G. E. standard washing machine, like new, used three months, \$75; also two new aluminum tubs on rollers, \$10. L. D. Tucker, ext. 27142 or Alb. 5-8301 or see at 1133 N. Columbia after 5 p. m.

One girl's Schwinn bicycle 26", \$30; one boy's Collegiate bicycle 25", \$25. In excellent condition. Mrs. Frances Pepmueller, ext. 5174, Apt. 3227-B 34th St.

1951 model, 38-ft. custom built two bedroom Victor trailer house, tile bath with tub and shower, like new only lived in 4 months, price \$5,295.00. Janie Wilson, ext. 28242 or Alb. 5-7422 after 5 p. m.

1941 Olds club coupe, 48 motor, R&H, good condition, \$425, terms. Fred Comstock, ext. 28145 at noon hour.

Lane cedar chest, waterfalls design; two-piece living room suite, solid construction; four-piece blond bedroom suite with innerspring mattress and spring; curtain stretcher. James Maxim, ext. 29155, 1103 W. Gold Ave.

Boat, presently at Conchas Dam, new 17' long x 4½' wide, life preservers, seat cushion, rod holders, worth \$300, will sell or trade for best offer over \$175. S. L. Johnson ext. 33236.

RIDE WANTED—

2804 N. Solano to West Tech area gate. Mrs. James A. Weiss, ext. 21249 or Alb. 2-8635.

N. Vassar and Las Lomas or N. Vassar and Mountain Road (to south gate if possible) 7:30 a. m. to 4:30 p. m. Harriette Shelton, ext. 26143 or Alb. 5-4750.

E. Roma and Syracuse (two blocks from the University). Marie Shea, ext. 6241.

East coast, Washington or vicinity, share expenses on or before Sept. 15. Howard Devaney, ext. 29255 8 a. m. to 4 p. m. and ext. 24279 after 5 p. m.

Intersection of Campus Blvd. and Las Lomas to either south or east gate of Tech. area. Dorothy Pittman, ext. 24152, Bldg. 892.

4809 E. Copper to Ad. Bldg. or vicinity. Louise Grady, ext. 5251.

WANTED—

One or two bedroom house, furnished or unfurnished for two reliable girls, Kirtland or Sandia area. Pat Renchen, ext. 26249 or Betsy Burd, ext. 23157.

Next Square Dance At Coronado Club To Be September 21

The next square dance at the Coronado Club will be Friday, September 21. The Duke City Cowboys will provide the music and refreshments will be served. Coronado Club members and guests are welcome.

The regular square dance scheduled for Friday, September 7, has been cancelled due to the engagement of Joe Reichman's orchestra to play at the Coronado Club on that night.

So that ardent square dancers won't miss a dance, they are invited to attend a square dance at the Ice Arena Saturday, September 8, sponsored by the Albuquerque Lions Club. Proceeds will go to the Fund for Needy Children. Admission is 65 cents per person.

Join the Coronado Club

(Here's How)

It is now easier than ever to become a member of the Coronado Club. The membership committee will now accept payment of dues from new members. In fact, if you are not a member and wish to join the Coronado Club you may phone the committee member in your organization and he will call on you and register you as a member of the club.

Following are the people who will help you sign up as a member of the Coronado Club. Give them a call.

1100 Jack Howard ext. 21141
1200 Ray Schultz ext. 21157
2100 Karl Zimmerman ext. 26137
2200 Bob Hawk ext. 26158
2300 King Wheeler ext. 6237
2410 C. W. Eggert ext. 28258
2450 D. E. Rausche ext. 33255
2460 Edith Perry ext. 28237
3100 R. S. Gillespie ext. 25253
4000 Marie Ream ext. 5143



CACTUS LAMPS are featured in this display of C. M. "Mac" McFarlin's woodworking achievements. All the lamps except those in the middle foreground are covered with felt. Mac stands behind a case he made for an adding machine. The cactus lamp on the right sports one of Mac's famous cactus shades.