

# SANDIA BULLETIN

Vol. 3, No. 21

SANDIA CORPORATION, ALBUQUERQUE, N. M.

OCT. 12, 1951



VISITING CELEBRITIES at the Community Chest rally which touched off the drive for Corporation employees were Senator Clinton P. Anderson and Movie Actress Greer Garson.

## Community Chest Campaign Success; Nearly \$20,000 Will Be Raised this Year

An \$18,000 to \$20,000 contribution to Albuquerque's Community Chest fund from Sandia Corporation and its employees appeared certain this week as the Company's intensive Red Feather drive neared its close.

### Reach \$14,000

As the Bulletin went to press employee contributions had risen to more than \$14,000 and some solicitations were still incomplete due to absences. The amount was more than double the total contributions of employees last year.

### 600 Solicitors Help

President George Landry announced that the Company will add to the contributions of employees a corporate gift of \$3200, which will bring the total close to \$20,000.

The success of the campaign at Sandia was due to the generous support and assistance of the more than 600 solicitors and squad leaders as well as the many other employees who shared enthusiastically in the drive, according to Committee Chairman Frank Dewey, who expressed the heartfelt thanks of the committee. Among the other employees he referred to were the volunteers who broadcast announcements at tech area gates, members of the Community Chest committee, and those who helped at the booth in the Administration building.

The first department to reach the 100% mark was 1710, headed by A. B. Machen.

## Movie Actress and Senator Open Sandia Red Feather Campaign

Lovely Greer Garson launched the Community Chest drive last week in a radio talk broadcast from the Sandia Base Theater. Sandia Corporation drive solicitors who gathered in the Theater to receive their instructions from E. J. Cooney, 4100, solicitation chairman, also heard President George A. Landry and Senator Clinton P. Anderson speak over the air on the Community Chest.

Robert M. Hawk, president, Local 251, Office Employees International Union, A.F. of L., and Charles W. Eggert, president, Atomic Projects and Production Workers, Metal Trades Council, A.F. of L., spoke before the broadcast emphasizing the needs of the Community Chest.

## Alpha Kappa Psi To Organize an Alumni Chapter

Employees of Sandia Corporation who are members of Alpha Kappa Psi business fraternity and who wish to participate in the organization of an alumni chapter in Albuquerque are requested to get in touch with Fred Comstock, Ext. 28145.

A tentative date for the first meeting of the group has been set for Wednesday, October 17, at the Coronado Club.

## Radio Club Sends Free Messages From State Fair Display

Free messages were dispatched to all parts of the world at a display of amateur radio operation held at the State Fair last week. The Sandia Base Radio Club and the Sandia and Kirtland Military Amateur Radio Service jointly sponsored the display set up in a trailer on the Fair Grounds.

Messages which could not be sent direct from the trailer because of atmospheric conditions were relayed to the Kirtland station where messages went out at more favorable time periods and also with greater transmitting power.

## If You Have Been Missed

If you have not been contacted for your contribution to the Community Chest drive you may call one of the following and a solicitor will visit you:

Frank Dewey, ext. 33154  
Ed Cooney, ext. 28233

## Electrical Engineers Have First Meeting Monday, October 15

The Albuquerque Section of the American Institute of Electrical Engineers will have the first meeting of the 1951-52 season Monday, Oct. 15, at the Officers' Club.

Guest speaker for the evening will be A. M. Garblik, 1270, who will talk on "Some Aspects of Linear Servo Theory." Mr. Garblik is on leave from the Bell Telephone Laboratories and has had more than 10 years of experience in the fields of communications, navigation and servo systems.

Reservations for the dinner may be made with Michael Favia, ext. 7159, before noon October 15. The meeting is open to all people interested in hearing Mr. Garblik's talk. If dinner is not desired, those interested may hear the talk at 7:30 p.m.

## First Week Booklet Rack "Take" Indicates High Reader Interest

The newly inaugurated booklet rack service was off to a flying start this week as Employee Services Department rushed replacement booklets to all racks to keep up with the "take". Most popular booklet in the first five turned out to be "Know Your Isms," but "Survival Under Atomic Attack" was running a close second.

### New Book Added

Added to the racks this week was a pamphlet entitled "Will We Be Ready?" It is a Booklet Rack Service reprint of a pamphlet prepared by the Citizens Committee for the Hoover Report, and gives some surprising information about the cost of government. A box score on the action taken to date on the recommendations of the bipartisan Hoover Commission shows what has been done to eliminate waste and duplication in our government, and what remains to be done. The booklet tells you what you can do to help in the fight for better government at a better price.

Next week's selection is a timely and well-written booklet entitled "Let's Go Hunting." The book is in two parts, the first devoted to a discussion of various types of game birds and animals and the second covering guns and hunting equipment.

### Hunting Information

"Let's Go Hunting" will give you all sorts of valuable tips on how to hunt successfully and enjoyably. If you have a yen to be a nimrod you'll be ahead to give this little book your careful attention. It may save you disappointment and possibly injury. The skillful hunter is always a careful hunter. The book is authored by Raymond Camp, well known authority on hunting and fishing and frequent contributor of sports articles and fiction to Saturday Evening Post, Colliers and all outdoor magazines.

More good reading and entertainment is coming up every week through the Booklet Rack Service. In case the supply of booklets in which you are interested is exhausted in the rack near you just call Ext. 26150 and a refill supply will be on the way in a jiffy.

## Sandia Engineer Named Fellow by Radio Institute

C. W. Carnahan, department manager of 1130, is included in a group of 45 leading radio engineers and scientists of the country who have been named fellows of the Institute of Radio Engineers. The Institute, which is an international body with 30,000 members, annually bestows the award of Fellow, its highest membership grade, on those who have made outstanding contributions to radio engineering and allied fields.

Mr. Carnahan came to work at Sandia in August, 1948, after doing engineering work for the Submarine Signal Company in Boston, Mass. Mr. and Mrs. Carnahan live on the Base and have one son who is in engineering school.

## Civic Symphony to Give Next Concert Tuesday, Nov. 20

The Albuquerque Civic Symphony has started its winter concert season for 1951-1952. One concert has been presented and the next concert, under the direction of Conductor Hans Lange, will be November 20 when Bartlett and Robertson will appear playing duo pianos as guest artists.

The February 25 concert will present Ander Foldes, pianist. March 29 Isaac Stern will appear as violin soloist, and May 9 a local guest artist will be presented after a contest is conducted to choose the soloist.

Single tickets for the concerts are available at the door at Carlisle Gymnasium on the University campus where the concerts are presented, and also at all the clubs on the Base.

## Newcomers From 26 States and Have Degrees From 32 Different Schools

One hundred and sixty-eight new employees joined our ranks during the month of September, according to figures from the Employment and Personnel Department. Of this total 124 were men and 44 women.

### Wide Recruitment

Indicative of the wide reach of personnel recruitment is the report which shows the newcomers are from 26 different states and have degrees from 32 different colleges and universities. Six of the new employees graduated from college this spring. Bachelor of science degrees are held by 39, 11 have master of science degrees and two have Ph.D. degrees.

The average age of the men hired in September is 31 years and the women, 26 years of age. One hundred and fourteen of the new arrivals are married.

Following are the home states of the September hires and how many from each state:

Georgia, Indiana, Iowa, Nebraska, New Jersey, New York, Oregon, Utah, and Virginia each provided one new employee

Two employees came from each of these states: Arizona, Arkansas, Maryland, Massachusetts, Michigan, and Minnesota.

Three from Pennsylvania.

Four from Kansas, Texas, Ohio, and Washington.

Five from Illinois and Oklahoma.

Six from Colorado.

Seven from Wisconsin.

Ten from California.

The state of New Mexico provided 95 new Corporation employees.

### Degrees Many, Varied

Colleges from which the newcomers secured their degrees are: University of California, University of New Mexico, University of Wisconsin, Southwest Texas Teachers College, East Texas Teachers College, Oklahoma College for Women, University of Arizona, Scholastica College, University of Michigan, Fayette College of Business Administration, University of Colorado, Oklahoma A. & M.

John Brown University, University of Illinois, University of Pittsburgh, Eidgen Technische Hochschule of Switzerland, University of Utah, Purdue University.

Massachusetts Institute of Technology, Wittenburg College, Pennsylvania State College, University of Denver, Bridgewater College, Lehigh University.

Illinois Institute of Technology, Rensselaer Polytechnic Institute, Georgia Tech, Case Institute of Technology, University of Akron, University of Minnesota, U. S. Naval Academy, and Lewis and Clark College.



GOVERNOR EDWIN L. MECHEM GREETs the Reynolds family at the opening of the New Mexico State Fair. Sandian Ken Reynolds shakes hands with the governor while his daughter, Rebecca, 2, sleeps soundly in her Daddy's arms. Leon Harms, secretary-

manager of the fair, stands at the left and 4-year-old Kyle Reynolds, as unimpressed as his sister, is on the right with Mrs. Reynolds. The picture story of the Reynolds family day at the fair appears on Page 5.

# SANDIA BULLETIN

Friday, October 12, 1951

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

Robert S. Gillespie, Editor

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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



## Automobiles and the Parking Problem

You have probably often seen the cartoon of a shoe store customer of considerable proportions trying to squeeze a size 13 foot into a size 6 shoe. The punch line might read, "Madam, we'll have to fit you with the box the shoes come in."

Old Mother Sandia is much in the same fix. The mathematicians might say she is trying to put "X" cars in "Y" space. A conservative comment could be that parking space is at a premium. The Sandia motorist simply knows that things are getting mighty crowded.

Right off we'd like to call attention to the fact that officials of our company and of the Military know this problem exists. They are doing all they can to alleviate the congestion. The most obvious solution is more parking space, but the problem will not be solved as easily as it sounds. True there are many acres of open mesa within Sandia Base, but they are far removed from the Technical Area where most of us work.

While the maps of the base are being scoured for available parking space there are a few things the motorists can do to help correct the problem.

1. Organize more car pools.
2. Utilize existing parking lots.
3. Park carefully.

Number one suggestion comes from the fact that five people can ride in one car or five people can ride in five cars. The fewer the cars the more parking space saved and the smaller expense to each rider.

In reference to No. 2, a few spaces in our parking lots are often left vacant. Know where your parking lots are and use 'em. No. 3 refers to parking between the black lines, parking at the right angle and parking close enough to conserve space yet far enough apart to save fenders.

At the same time we set forth this plea to please help relieve our parking congestion we'd like to mention the fenders and doors which too often are parking lot casualties. It is with heavy heart we hear the current banging and crunching which marks the arrival and evacuation hours of our parking areas.

Park wisely, park carefully, park legally. The result will be more space for your car.

## New Employees

A welcome is extended to the new employees of Sandia Corporation. Following is a list of the newcomers who arrived here between September 21 and October 4.

Peter Church	1111
Albert D. Ford	1211
Arthur J. Clark, Jr.	1211
John Wm. Smith, II	1213
Clarence Young, Jr.	1222
Guy D. Woodruff	1241
Jim John Lang	1241
Arvel K. Richey	1251
Phillip H. Park	1251
Robert J. Mueller	1251
Jack D. Mayfield	1270
Robert T. Ruffin	1511
Robert R. Harnar	1521
John A. McPhate	1523
Don Williams, Jr.	1531
Hermann G. Page	1531
Robert Pritchett	1633
Jane O. Howard	1911
Johnnie B. Duran	1914
Beatrice F. Brooking	1915-4
Robert E. Johnson	2112
Don L. Rost	2113
Hilton B. Souther	2113
Robert F. Masak	2113-1
Ronald W. Glascock	2122
Paul L. Stewart	2123
Byrd C. McKay	2124
Wm. L. Caffee	2124
George B. Jeys	2124
Lawrence T. Gilbert	2124

Asa C. Wilson	2130
Wilma R. Trinkle	2212
Melba J. Kennedy	2221
Roy D. Nix	2232
Oscar H. Berlier	2232
Lee G. Adam	2232
Homer R. Messenger	2232
Leonard L. Motichko	2234
William D. Ingram	2251
Dolores E. Sanchez	2312
William F. McLaughlin	2331
Ray C. Smelich	2331
Andrew Moller	2415
Emery M. Caudill, Jr.	2417
Abe Lee Davenport	2423
Joseph Catalo	2423
Reyes Coriz	2423
Francis H. Treon III	2452
Patricia R. Russell	2461-3
Marilyn L. Menapace	2461-3
Marilyn S. Peterson	2461-3
Margaret Ann Cole	2464-2
Candido C. Montano	2711
Marfilio J. Contreras	2711
Laddie R. Sladek	2711
Margie Lou Patterson	3152
Louise Hurd	3153-1
Edward W. Swanson	3221
Robert E. Whitford	3230
Betty Shultz	4135
Lucile S. Marcurum	4141
Mary Ann Willard	4222-1
Theresa R. Ray	4222-1
Dorothea C. Taunton	4222-1
Patsy R. Gassaway	4222-2
Cora S. Callender	4222-2
Richard I. Lutton	4232
Mable K. Brown	4232

## Salton Sea Vet Has Nearly Nine Years of Service

Daniel S. Cain, 2483, is what we might call an "old pioneer" at Salton Sea Base in California. Whitey, as he is better known to his working companions, has been reporting to work at the same location since 1942. In the past nine years he has worked for several different bosses, but always at Salton Sea. Whitey does admit that one employer took him away from the Base for a few months, but he considers that he was on "detached service."

Whitey, who is now officially heavy equipment operator at the



Whitey Cain

Sandia Corporation operated base and unofficially "admiral of the fleet," is a Texan from San Antonio. When World War II came along he joined the Navy as an aviation mechanic and soon found himself at Salton Sea. He stayed in the Navy until 1946 and was stationed all that time at Salton Sea with the exception of a short stay at New Orleans.

### Returns to Salton Sea

After the war ended and Whitey was again a civilian he went back to Salton Sea which was being operated by the Manhattan Engineering District. When the Atomic Energy Commission was formed he continued to work for them and then became a Sandia Corporation employee in early 1950.

Today Whitey's big responsibility is jockeying the heavy equipment on the Base. He is responsible for operation of two large cranes, an eight-yard carry-all, a skip loader, seven bulldozers and a smaller Caterpillar tractor, as well as other machines.

Whitey and his wife, Leota, and 6-year-old son Jimmie live on the base in a comfortable apartment. Jimmie is growing up fast, Whitey reports, and is now in second grade in Westmoreland schools.

### Keep Machines Running

Careful to point out that he has good help in the operation of the heavy equipment, Whitey lists Chester Corrigan as another heavy equipment operator and Ralph Marrs and Arthur Cary as the heavy duty mechanics who keep the machines running.

Whitey also occasionally operates Base boats on Salton Sea.

After nine years, more or less, at Salton Sea Base, Heavy Equipment Operator Cain can spin yarns about a lot of history, but he is a busy man and while telling his story to the BULLETIN his eyes kept moving to the 20-ton crane out in the motor pool. The road to the water treatment plant had been washed out and Whitey wasn't going to be too happy until it was back in good shape.

### Found

A black and white woman's suit jacket has been left in the First Aid section of Building 818, reports Betty Eisenschmidt, 3160. The owner may claim it by appearing at the office in person.

## News Notes From SALTON SEA BASE

This balmy air at Salton Sea really does things for people. Tony Uszuko, 2481-1, and Charles St. George, Jr., 2482-2, have both exchanged those solemn vows in the recent weeks. Tony was married to Patsy Holleran and Chuck was married to Mamie Lou Hamlin, both girls are from Brawley. The men have given up their bachelor quarters at San Felipe Lodge and are living downtown. From the folks at the Sea to Tony and Patsy, Chuck and Mamie—the best of everything.

Billy McClish, 2481-1, has just returned from Jonesboro, Ark., where he drove to pick up his wife Imogene, daughter and a new son. Mrs. McClish was away three months. We're glad to see you back, Imogene. Bill says he is going to get that boy a paper route here at the Base soon now.

Mr. and Mrs. Arthur L. Merrill, AEC, left September 14 for a three-week vacation.

Mrs. Helen O. Guess, 2482-1, has returned from a two-week vacation with her relatives at Ardmore, Okla.

Fay M. Bragg, 2482, spent a few days vacation in Oregon with relatives and friends. Fay is recuperating from a recent illness and where could a man do more of that than at "Home."

Mr. and Mrs. Ted Sprink and son, Jack, returned recently from an extended "driving" vacation in the

each. Mr. Sprink went back to see a new grandson in New Jersey—but on arriving there he found he has another one in Florida—so you see he really has something to crow about. Congratulations! We are mighty glad to have you back with us.

Salton Sea was honored with a recent visit of our vice president, Fred Schmidt, on September 6. A dinner meeting was held by the supervisory group after which the usual interesting informal chats were enjoyed in one of the Lodge suites. Among those present were Fred Schmidt, vice president; Luther J. Heilman, 2400; W. T. Moffat, 1600; T. A. Sprink, 2480; Henry Schutzberger, 1613; A. L. Merrill, AEC; H. B. Austin, 1614; L. R. Wilson, 2482; D. P. Fifield, 2483; A. L. Pearson, 2482-1; J. Omlin, 2482-2; J. S. Keller, 1622-1; Johnny Fernandez, 1614-5; Harry Schnarr, 2481-1; M. Lesicka, 2481-1. A constructive evening was enjoyed by all.

J. K. Hulsey, 2483-2, has had a serious case of hives—but has whipped them back—tough fight—but he made it.

Mrs. Voorhies, Base nurse, and daughter Janette, returned recently from a week's vacation spent in Los Angeles. Mighty glad to have you back, Frances. Mrs. Betty Eisenschmidt, 3160, relieved Mrs. Voorhies during her absence.

## Promotions

WILLIAM S. SHARP has been named supervisor of Section 2122-3.



He is married and has two sons. Bill came to us in 1949 from the Washington Institute of Technology, College Park, Md., where he worked as assistant production manager and design engineer for nine years. Bill graduated from the University of New Mexico with a bachelor of science degree. His home town is Albuquerque.

JESSE V. PARKER was recently appointed section supervisor of 2124-5.



He is married and has two children. Jesse joined Sandia in 1948 with 15 years experience as a supervisor of electroplating. He has worked in Ohio and New Mexico since 1933. Prior to coming to Sandia Corporation, Jesse was employed for a year as electro-plating foreman in Albuquerque. He and his family live in town.

JOHN A. HITCHENS is the new supervisor of Section 2123-7.



He is married and has a son and twin daughters. In addition, John is the proud grandfather of four youngsters. He joined us in 1948 with 44 years experience in machine shop, foundry, welding and boiler work. John has worked in Europe, Canada, and Latin America. He has been a director of vocational education at Highland University, N.M., and Las Cruces A. & M. The Hitchens live in Albuquerque.

LESLIE L. COLE was recently named section supervisor of 2122-4.



He is married and has three children. Les came to us in 1949 from the Aviola Radio Corp. where he was employed for two years as chief inspector. He is a veteran of two years Navy service. Previously Les worked for eight years as an engineering aide for Civil Service. Between 1941 and 1943 he was a member of the U. S. Border Patrol. He and his family now live in Albuquerque.

WILLIAM F. PEAY, JR., has been promoted to section supervisor of 2123-3.



He is married and has a 5-month-old son. Bill came to the Corporation in 1949 from the New Mexico School of Mines where he worked three years as a tool maker. A veteran of three years Army service, Bill also was a foreman in a West Virginia gun factory for two years. He studied mechanical engineering at the West Virginia Institute of Technology. The Peays live in Albuquerque.

J. VERLIN HUNT has been named supervisor of Section 2124-6.



He is married and has three children and two grandchildren. Verlin joined us in 1947 after supervising material control for the Eidal Manufacturing Co. in Albuquerque for two years. For 26 years Verlin was employed by the Reliance Foundry Co., Richmond, Ind., as supervisor of casting output. He and his family live on Edgewood Star Route in the Tijeras Canyon.



READY FOR A CALL are Frances Voorhies, Salton Sea nurse, and Joe Omlin, chief of the Salton Sea fire department. They are pictured here checking over the supplies in the ambulance which is housed in the fire department building.

### GI Hooper Turned Tail Gunner Then Civilian Cashier

Orlando Ulivarri is a cashier in 3221 for Sandia Corporation and is very satisfied with his job. But, every so often, he takes a glance at some old photographs and a wave of nostalgia passes over him as he remembers his short but amusing career in the entertainment field.

It was a usual day in 1942 at the New Orleans Air Base where Orlando was stationed. He and a friend, William Durston, had just returned from the movie "Yankee Doodle Dandy" starring James Cagney.

#### No Sooner Said

"You know, I'll bet I could do that show on the stage," said Durston, whose family was in show business. Before Orlando could make any comment, plans were in progress for a GI version of "Yankee Doodle Dandy."

There were five months of rehearsing before the opening performance. Orlando became Bill Durston's right hand man, taking his place as the star in many scenes. Hooper,



Orlando and Tulane Coed

singer and actor were his titles. It was all fun.

Tulane University coeds made up the chorus and after the opening night such George Cohan favorites as "Johnny Comes Marching Home" and "So Long Mary" left audiences humming the tunes for days.

The show was a success in New Orleans so the Air Force sent the cast on the road for five months entertaining service personnel throughout the south. Generals, admirals, privates and seamen viewed the show and put their seal of approval on it.

Orlando's theatrical experiences prior to Yankee Doodle time included a part in the Coronado Quarto Centennial in El Paso back in 1939. It was a goodwill affair whereby entertainers from United States, Mexico and South America participated. Orlando was with the University of New Mexico quartette.

Following his time with the Yankee Doodle show, Orlando's service with the Air Force was spent in England serving as a tail-gunner on a B-17.

He started working at Sandia in 1948 and has never been sorry that the days of stage makeup and bright footlights are over. He is now just a spectator and says, "I don't think I have the makings of a professional actor."

### Sandian Vacations in Hawaii Attending Sorority Convention

Forty-nine women and one man boarded a Pan-American plane for Hawaii recently on the Beta Sigma Phi ramble and Hazel Vance, 2202, was one of the 49.

Hazel, a longstanding member of the business sorority, using her vacation time, joined the other representatives of 29 states, three provinces of Canada, and the one man from Scotland in San Francisco. For nine days in Hawaii, she had one of the busiest and most enjoyable times of her life.

The group was given the special Aloha welcome and stayed at the luxurious Royal Hawaiian Hotel. Each day special excursion trips were planned and Hazel didn't miss a one.

There were an Army and Navy officer reception at the Coconut Grove Lanai the first night, a visit to Koko Head and Ernie Pyle's grave, sightseeing trips to a Japan-



Hazel (right) and tour director

ese Buddha Temple and several coffee, pineapple and sugar cane plantations, a luncheon at an inn located on the edge of the Kilanea Crater, the active volcano, and many more activities to keep her busy.



BEACHCOMBER LIFE is demonstrated by Carroll McCampbell who plucks his ukelele in the shade of tropical palms. Carroll admits there wasn't much time to live the life of a South Sea Riley.

### Sandians in the Tropics Worked Hard, Played Some While Participating in Operation Greenhouse Tests

Operation Greenhouse and Sandia Corporation's part in the project are now history. The men who left Albuquerque's comforts and spent several months in the test area have long returned and are now deeply involved in the work which confronts them today.

Official pictures of the tests have not been published but the accompanying photographs of some of the men who participated in the test have been released by the Atomic Energy Commission.

Only a few of the men from Sandia Corporation

who worked on the tests in the Pacific are pictured here. Enjoying their brief periods of relaxation, these well-tanned, healthy fellows are soaking up the sunshine of the tropical islands. The steak-fry scenes were taken during one of the planned recreational activities enjoyed by the group.

Much more sun was absorbed while the engineers and technicians from Sandia were hard at work performing their duties in connection with the tests.

(Photographs by Ed Udey, Dale Fastle, Henry Sweeney, Bert Anderson.)



THE BARNACLE ROOM aboard an operation Greenhouse ship was well decorated with objects d'art from the islands in the area. Charles O'Keefe, seated, and Bill Jamieson smile happily while studying their collection.



STEAKS ARE GOOD anywhere in the world, our South Seas Sandians discovered. Bill Jamieson, Ed Jenkins, Don Cotter and Ray Schultz hover over the grill while administering to the food planned for the occasion.



KILLER CLAMS are displayed by Dale Fastle, Don Schuster and Joe Heaston. The clams, most commonly seen in movies, clamp onto a swimmer's leg and hold him underwater. Some men brought clams home.



TUNA FISHERMEN are Al Gruer, Bill Jamieson and Ed Jenkins. They are displaying one of their prize catches which was landed by Ed with Al and Bill assisting in the project. Fish were abundant and provided sport while on board ship.



A TROPICAL OUTING, one of very few enjoyed by the group, found the men eating a picnic lunch in the midst of tropical isle beauty. The Sandians enjoyed their rest periods and brought back photographs like these as mementoes of their great adventure.



PACIFIC PARADISE was the scene of much hard work. As long as published photographs can record only the non-working hours here is another view of fun on the shore. As the travelogues read "and so we bid farewell to recreation on Operation Greenhouse."

## News From Men in Service

Edmund G. Baca writes back to us with a report on himself for his former co-workers. He says, "Tell them I have viewed the scenic wonders of Hong Kong, also the enchanting island of Formosa and spent a little time looking at Korea from the deck of the USS Yarnall. Tell the boys I am having a wonderful time and wish they were here." He'd like to hear from his friends here. His address is: USS Yarnall (DD 541), E Division, c/o FPO, San Francisco, California.

Michael Hanrahan, formerly of 2232, is now a sergeant in the 717th Anti-Aircraft Battalion at Fort Bliss, Tex. After returning to service, he was sent to Fort Sam Houston, Tex., where he attended a mess management school. He reports that there are several former Sandians at Fort Bliss. He sends his best wishes to his friends in 2232.

Pfc. Arsenio P. Montoya is serving in the Far East Command in Japan as radar operator for an anti-aircraft battalion. He reports the people of Japan are friendly and that the country is much like our state of Washington. While with Sandia Corporation he was in 2122.

Sgt. Dave Reed is stationed with an anti-aircraft battalion in Fort Bliss, Texas. He reports the unit is busy training new men and firing on the range where his battery has made the best record in the battalion. Dave is in radio communications and is also battery wire chief and in charge of installing telephone systems. He says to say hello to his friends in 2120, 2121, 2122, 2251, and 2232.

Pfc. Edward C. Nickolds, a former employee, is on duty in Korea. He took basic training at Camp Roberts, California, about which he reports "I never did so much walking and running in my life." He was then shipped to Japan. After arrival there he was sent to a medical technicians' school near Osaka for four weeks and then to Korea and is with the 64th Field Hospital which is caring for prisoners of war. Ed reports he is getting along fine and will see us here at Sandia when he gets back. He was in 2461.

Captain Whitney B. Sullivan is adjutant of the 9th Statistical Services Flight in Korea. Prior to this assignment he flew combat missions with the 18th Fighter Bomber Wing in Korea. Whitney was in 4132 before being recalled to the Air Corps as a reserve officer. His present assignment calls for the compilation of statistical data for all Air Corps units in the battle zone.

Ivan N. Humble, formerly of 2133, reports that he receives the BULLETIN regularly and enjoys it very much. He is stationed in Seattle, Wash., with the U. S. Naval Communications Supplementary Activity. He expects to be discharged soon.

S/Sgt. Stuart C. Breeding is seeing service with the 188th Fighter Interceptor Squadron in Long Beach, Calif. He says his travels don't amount to much but his assignment is fine and the California weather wonderful and his duty couldn't be better. Still he says he can't wait until he gets back to Albuquerque and his job with the Corporation. He was in 2452.

Earl Holcomb, now a lieutenant with the 188th Fighter Group in Long Beach, Calif., is now classified as a jet-pilot flying an F-86. He has 65 hours of jet time and has qualified in aerial gunnery, instruments and night and day transition. He was in 1542.

Betty Frost, 2111, returned recently from an enjoyable trip up through northern New Mexico, Colorado and Utah.

## Coronado Club Will Be Busy Through the Remainder of October

Big events mark the remainder of the October Coronado Club calendar. Tomorrow will be an informal dance with music by Orlando Uliarri. Dancing will be from 9 p.m. to 1 a.m.

Square dancers will take over Friday night, Oct. 19, and there will be music by a western band and refreshments will be served.

There will be special trimmings to the barbecue dinner Saturday, Oct. 20. In addition to the superb and plentiful menu to be prepared by Chef Carl Hermanns, Nate Wineberg, program planner for the month, has arranged for a magician to display his tricks, music from a vibraharp and an old German band. Nate says it will be a great evening.

The following week will find Bingo on Wednesday night, Oct. 24, and bridge party Thursday night, Oct. 25. Saturday night the Coronado Club will be prowled with the ghosts of an old-fashioned Hallowe'en. A costume party in honor of the day will start at 9 p.m. and dancing will last until 1 a.m.

Sunday, Oct. 28, a Buffet Dinner will be served from 5 to 7:30 p.m. and dancing will be from 6 to 10 p.m. Music will be provided by Johnny Laughlin.

## Sandia Gymnasium Mecca for Square Dancers Tomorrow

Tomorrow night is the big night for square dancers throughout the entire Albuquerque area. The Coronado Square Dancers and the Sagebrush Shufflers are sponsoring a square dancing free-for-all at the Sandia Base gymnasium.

In the afternoon, from 2 till 5, callers will swap their favorite jingles and dancers will get new ideas on each other's steps. Then at 8 p.m. the gymnasium doors will swing wide for a jamboree of high pressure square dancing to the music of the Duke City Cowboys.

Those not employed at Sandia Base had better get their names in to W. E. Rehbeck, 2244-1, the program chairman. He will make arrangements for dancers to get into the Base through the West Gate on Gibson Road. He may be contacted at Sandia Base, Extension 29178 or 24157.

Roy N. Kendall, who worked in 2261, was called back into service in October, 1950. He was first at Fort Hood, Tex., then Fort Monmouth, N.J., and in January, 1951, came back to New Mexico and is stationed at White Sands Proving Grounds. He hopes to be discharged from the service in December.

Alonzo F. Nelson, formerly of 2334, is now in Camp Gordon, Ga., attending a radio repair school. He entered service in May, 1950. Private Nelson reports that he is anxious to serve his hitch in Uncle Sam's army and get back to his old job at Sandia Corporation. Georgia is an awful long distance from New Mexico, he writes, and it will be a long time until his furlough comes up.

Sgt. Vernon E. Kerr, formerly of 2452, writes to the BULLETIN from Baumholder, Germany, where he is stationed with an armored engineering battalion. He reports he is acquainted with quite a few people in 2452 and 2417 and would like to get his address to them. It is: Sgt. Vernon E. Kerr, 18221295, Co. "D", 17th Armored Engineering Bn., APO 42, New York, N.Y. His unit is attached to the 2nd Division, of World War II fame, and is in the French Zone as part of the VII Army. He writes that Europe is showing signs of much recovery, but despite better conditions and some fine Army experiences he still is of the idea that "there's no place like home."

Frank Chavez, 2711-1, was married to Ruth Oliva on September 22 during his vacation. They honeymooned in northern New Mexico.

## AROUND THE DEPARTMENTS

Glad tidings! It's a boy, born October 4, reports Jose I. Garcia, 2711-2. Congratulations!

Ed Baldwin, 4230, recently took his two older boys on an educational tour of the canyons—Grand Canyon, Brice Canyon and Zion Canyon. Mesa Verde was visited on the return trip. Ed and the boys camped out every night, cooked their own meals and hiked all the trails, almost.

Dick Collins, 4231, is back in the office again after a two week battle with acute bronchitis.

Laura Maciel, 2312, is spending a two week vacation in Los Angeles.

Mildred Shelton, 2333, and her husband are on a two-week touring and fishing trip through Colorado.

Marge Neil, 2331, and her husband, Bill, 4212, spent two weeks visiting relatives in Kansas recently.

Friends and relatives in Indiana were visited by Paul Morgan, 2331, and his family on a recent two-week vacation.

Balmy Florida is the vacationing grounds for Beatrice Gardner, 2311, and her husband. They also visited friends and relatives there.

After a month's illness, Jean Penzien, 2321, has returned to work.

Margaret Wetzel, 2464-2, recently played the leading feminine role in "Darkness at Noon," the Albuquerque Little Theater's initial production of the season. Margaret is a veteran trouper with several seasons of experience in local drama groups.

Maggie Giannettino, formerly of 3125, and member of the BULLETIN staff, and her husband, Pete, have moved to Deming, N.M., where they will operate the two Deming newspapers. Both were graduates of the University of New Mexico, and Pete was on the staff of the Albuquerque Tribune for two years prior to their moving to Deming.

Jim Brown, 4222, and his wife, Sara, formerly 3231, are in Farmer City, Illinois, for a vacation. Jim returns next week and Sara will stay on for a longer visit with her folks.

Mr. and Mrs. E. C. Deuschle are the parents of a boy born September 26. This is their second son. Mr. Deuschle is department manager of 4310. Congratulations.

Travis Bogue 2114, and Mrs. Bogue enjoyed their vacation with a sight-seeing stay at the Grand Canyon.

Keith Schroder, 2113, and his family spent an enjoyable vacation visiting Mrs. Schroder's relatives at Kewanee, Illinois, Keith's relatives in Lincoln, Nebraska, and paying a short visit to Denver.

Stock car races in Denver drew Jerry Pierce, 2334, for a week's vacation.

Starting out on his vacation recently, Clem Dixon burned a rod in his car before the family reached Moriarity. They had to turn back to Albuquerque and buy a new car before they continued to Corsicana, Tex., his home town, and Lake Charles, La.

The engagement of Martha Jo Brown, Albuquerque, and Sam L. Johnson has been announced. Sam works in 2232.

Mr. and Mrs. Roy E. Brett are the parents of a daughter born September 23. Roy is a security inspector for the Corporation. Congratulations.

The population of Muleshoe, Tex., has leaped from 2448 to 2451 during this week. Bob Spence, 1621, and his family are the reason for the sudden increase. They are visiting in his home town and they'll also make a side trip to Ruidoso.

Ken J. Urquhart, 1135, has returned from Ridgeway, Pa., where he visited his father who recently suffered a heart attack. We are glad to hear that Ken's father is rapidly improving.

A letter from Zorro Bradley, post-marked Inchon, Korea, has overjoyed Natalie Bradley, 1121. Zorro, her husband, said he expected to arrive home sometime next week. He's been in Korea since December 1950.

A letter has also been received by the guys and gals in 2334 from Pvt. Lawrence Chavez, formerly of 2334. He says he's 30 miles behind the front lines in Korea with an ordnance outfit working seven days a week. He would like to hear from his friends.

The colorful aspen groves in the Sangre de Cristo Mountains near the Santa Fe region were the scene of a week-end trip taken by R. A. Quelle, 3124-1, recently.

Billy Neil, 1912-1, and his wife, Marge, recently returned from a two-week vacation which they spent at Taos, Eagle's Nest and points in Colorado and Kansas.

Walter Rosenburg, 2212, though far removed from his cowboy days in Roswell, is still a fine horseman—he proved that on the merry-go-round at the Fair.

Evelyn Wade, 2210, and Gladys Gilliland, 2211, found the sewing exhibit at the Fair so interesting that they are each buying sewing machines.

Jim Hook, 2210, who took a trip a few days ago via TWA, sat behind the left inside prop and got laryngitis.

Margaret Whalon has transferred into 2213; Rosemary Trinkle is back with 2212 after a three-month absence.

What the 2210'ers liked about the Fair: Don Weldon, the horses; Pat Anderson, the flower show; Cecil Johnson, the airplane ride; Dick Hickman, the rodeo; Chuck Simpson, the hamburger stands; Carl Gregory, the dog exhibit; and Carl Carlberg, the fireworks.

Now that his wife is back from a three-week visit to relatives in the East, David Gomez, 2464-2, is again displaying that engaging grin.

During his recent vacation, if you could call it that, Bill Meyer, 2464-2, worked hard moving his wife and three small daughters into their newly-purchased home on South Madiera Avenue.

2464-2 personnel are relieved to learn that Gerald Cobb's young son is making rapid recovery from an attack of pneumonia.

Walt Howerton has recovered from the mumps. Walt is in 1621-3.

J. E. Palmer, 1611, is on vacation at home.

Virginia Roy, 1611, is entertaining visitors while on vacation at her home.

Marriage is in the offing for Clayton Erickson, 1621-4, who is leaving in the near future for Minnesota where he plans to be married on October 27. The couple will make their home in Albuquerque.

Mrs. Evelyn Traynor, 2461, was visited for a week by her daughter, Mrs. Jean McAndrew and newly-arrived granddaughter from Fairbanks, Alaska.

Paul Callies, 2113, is the beaming father of a new girl, Melissa Jean, born September 25.

Margaret Heywood, 2111, had an interesting vacation in the Hollywood area, visiting the various studios and theaters there. She was interviewed on Art Linkletter's morning program and received tickets to several interesting features in Hollywood.

Ernestine Baumann, AEC, is visiting her parents in Las Cruces.

Teresa Sullivan, AEC, is on vacation in San Diego seeing relatives.

The Grand Award at the philatelic (stamp collecting to us) show at the New Mexico State Fair was won by Joe Toulouse, AEC. Joe also won three first prizes for various features in his collection.

Acting as ushers at the State Fair were AEC representatives of Beta Sigma Phi, business sorority. They were Edna Fowler, Peggy Henrie, Juanita McDonald, Louise Bourner, and Betty Crain.

Transferred to the Santa Fe AEC regional office at West Lab are Edwin L. Brawley, Caroline Gilbert, and Janice Nave.

AEC Community Chest representatives are George Hauquitz, Bob Frady, Peggy Henrie, Don Hardwick, Bernice Denner, Sybil Milligan, and Erma Fauerbach.

A 17-inch television set was won at a recent Kirtland Field bingo game by Margaret Hagan, 2130, and her husband, James.

After more than two years with 1710, Jean Gillette has transferred to 3124-1.

A beginning painting class for adults at the University is being taught by Walt Hook, 1713, on Tuesday evenings. A non-credit class, it is one of the extension division courses. Unfortunately, the class is completely full already so those interested will just have to wait for the next class to start.

Harry Weber, AEC, has climaxed a two-week vacation with a trip to Juarez, Mexico.

## Sympathy

Sandia Corporation and AEC personnel join in expressing their sympathy to Robert Fegan, AEC, on the death of his brother, Captain Forrest H. Fegan. Captain Fegan was killed in the crash of a jet airplane near Wichita, Kans., last Friday. Captain Fegan earned the Distinguished Flying Cross in World War II. He flew 87 combat missions.

Sympathy is extended to Walt Howerton, whose father died recently after a long illness. Walt has left for Oklahoma where the funeral will take place. Walt is in 1612. The late Mr. Howerton was also Cory McDonald's father-in-law. Cory is in 1250.

Sympathy is extended to Marie Ryan, 2462, whose father died recently in Chicago. Sympathy is also extended to Roger Williams, whose father-in-law passed away in Albuquerque.

Sympathy is extended to H. C. Carmody, 2223, on the death of his father, September 24. Mr. Carmody went to California for the funeral.

# Let's Go to the Fair With the Reynolds



THE BIG DAY BEGINS as Ken Reynolds, 2412, and family enter the gate.



THE LILY POND just inside the fair grounds fascinates the two children.



REBECCA AND THE HORSE became friends at first sight.



DORIS GOES SHOPPING for Indian jewelry at one of the booths.



"DON'T BITE OFF SO MUCH," Kyle tells Rebecca, who is working on a hot dog almost as long as her arm. It was a gala day for the two youngsters. They stuffed themselves with hot dogs, cotton candy, milk shakes, soda pop and ice cream and the best of all they didn't even get a tummy-ache.

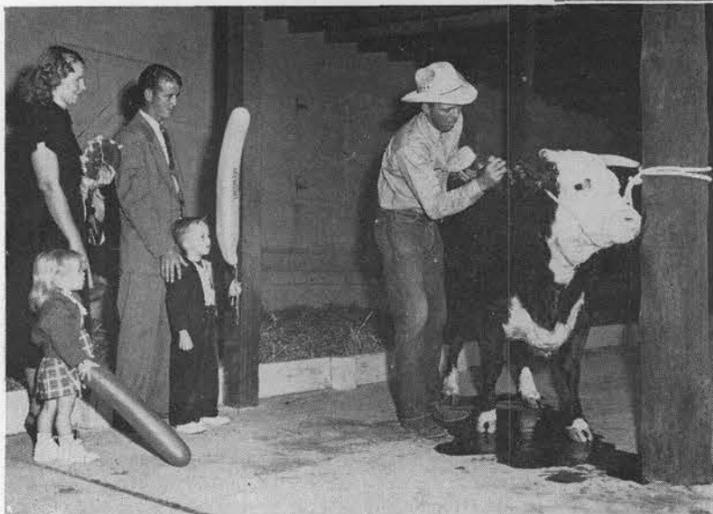


ON THE AIR OVER W5MPZ, the Sandia Base Radio Club gives Kyle a chance to have his voice go out all over the world. Einar H. Morterud, 1511, W5FPB, is the operator on duty in the trailer unit set up on the Fair grounds.

THE KIDDY TRAIN RIDE was only one of the many thrills Kyle and Rebecca had in the fair amusement area. They also rode the merry-go-round, watched their Daddy win a prize at a baseball throwing game, and had a ride on the children's ferris wheel which was cut short when the height brought wails from both of them.



A PRIZE SHEEP NUZZLES KYLE while Ken and Doris look on. Rebecca's attention has been distracted by the antics of a pair of lambs in the next pen. Later on the family watched a sheep being sheared and both children had to be reassured several times that it didn't hurt the sheep at all.



FRESH FROM A BATH one of the prize Hereford heifers has its glossy coat combed and waved. Ken and Doris are impressed by the care given these animals.



TIRED BUT HAPPY the Reynolds family leaves the New Mexico State Fair with sore feet and wonderful memories stored up for another year.



**Bowling Leagues**

**Jungle League**  
**TEAM STANDING**

Team	Won	Lost
1. Panthers	8	0
2. Rabbits	7	1
3. Lions	6	2
4. Mustangs	4	4
5. Lobos	4	4
6. Wildcats	2	6
7. Bears	1	7
8. Gophers	0	8

**TEAM AND INDIVIDUAL**  
High team, total pins, Lions, 2525  
Second high team, total pins, Rabbits, 2492  
High team, one game, Bears, 897  
Second high team, one game, Wildcats, 885  
Individual high series, Anderson, 638  
Second high individual series, Anderson, 577  
High individual, one game, Jorgensen, 247  
Second high individual, one game, Anderson, 230

**TOP 10 AVERAGES**  
Anderson, 203; Dietrich, 186; Dierks, 181; Cambell, 174; Smith, 172; Kubiak, 172; Duffield, 170; Weber, 170; Maupin, 168; Brown, 167.

**All-States League**

**TEAM STANDINGS**

Team	Won	Lost
1. Indiana	7	1
2. California	6	2
3. Wisconsin	5	3
4. Iowa	5	3
5. Oklahoma	3	5
6. Michigan	2	6
7. Illinois	2	6
8. New York	2	6

**TEAM AND INDIVIDUAL**  
High team total pins, Oklahoma, 4359  
Second high team, total pins, Indiana, 4246  
High team, one game, California, 795  
Second high team, one game, Oklahoma, 784  
Individual high series, Ginther, 540  
Second high individual series, Parsons, 524  
High individual, one game, Favia, 225  
Second high individual, one game, Ginther, 197

**TOP 10 AVERAGES**  
Favia, 173; Ginther, 172; Parsons, 166; Borah, 161; MacNeil, 155; Schenke, 157; Bailey, 157; Durant, 156; Jenkins, 155; Lind, 154.

**Major League**

**TEAM STANDINGS**

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

**TEAM AND INDIVIDUAL**  
High team, total pins, Senators, 2470  
Second high team, total pins, Tigers, 2407  
High team, one game, Tigers, 894  
Second high team, one game, Senators, 888  
Individual high series, J. Taylor, 598  
Second high individual series, Anderson, 585  
High individual, one game, J. Taylor, 267  
Second high individual, one game, Anderson, 259

**TOP 10 AVERAGES**  
J. Taylor, 199; Anderson, 195; Fink, 183; Rappleyea, 185; Lincoln, 184; Hoge, 183; Repetti, 178; Sylvestre, 171; Redburn, 172; Bolton, 170.

**Insect League**

**TEAM STANDINGS**

Team	Won	Lost
1. Scorpions	4	0
2. Centipedes	4	0
3. Black Widows	4	0
4. Hornets	3	1
5. Lady Bugs	1	3
6. Beetles	0	4
7. Fireflies	0	4
8. Roaches	0	4

**TEAM AND INDIVIDUAL**  
High team, total pins, Scorpions, 1889  
Second high team, total pins, Fireflies, 1779  
High team, one game, Scorpions, 677  
Second high team, one game, Fireflies, 656  
Individual high series, Shirley Taylor, 467  
Second high individual series, Mamie Burg, 452  
High individual, one game, Mamie Burg, 178  
Second high individual, one game, Beth Krajovic, 172

**TOP 10 AVERAGES**  
Taylor, 156; Krajovic, 150; Burg, 150; Fink, 148; Butler, 145; Palmer, 144; Schultz, 144; Parsons, 132; Kidd, 128; Knapp, 125.

**Indian League**

**TEAM STANDINGS**

Team	Won	Lost
1. Apaches	4	0
2. Mohawks	4	0
3. Zuni	4	0
4. Hopi	4	0
5. Arapaho	0	4
6. Navajo	0	4
7. Blackfeet	0	4
8. Potawatomi	0	4

**TEAM AND INDIVIDUAL**  
High team, total pins, 2401  
Second high team, total pins, 2383  
High team, one game, Zuni, 881  
Second high team, one game, Mohawks, 832  
Individual high series, Baumgartner, 590  
Second high individual series, Nendell, 554  
High individual, one game, Nendell, 225  
Second high individual, one game, Baumgartner, 208

**TOP 10 AVERAGES**  
Baumgartner, 197; Nendell, 185; Palmer, 177; Whitney, 174; Eichert, 174; Horne, 174; Harrington, 172; Wedwick, 166; Taylor, 161; Summers, 161.

**The Pins Have Started Flying and Winter Bowling Season is Now Open**

To more than 300 Sandians the coming of winter has a special meaning. It means the bowling season has started. One night each week they can spend at the Coronado Club or down-town alleys working themselves into a high pitch of excitement over the antics of a big black ball and ten wooden pins.

Five nights a week the Coronado Club downstairs area echoes to the rumble and crash of four alleys in steady use. The Corporation bowlers have organized into five leagues, one for each night of the week. The leagues hold eight teams apiece with a minimum of five bowlers to a team.

Tuesday night is Ladies Night. The Insect League, composed entirely of women bowlers, takes over the alleys that night and racks up scores that often put the men to shame.

The American Bowling Congress has sanctioned all the Sandia leagues, entitling the bowlers to a place in national competition.

Coronado Club bowling competition started September 24 and will continue for 16 weeks. At the end of the season cash prizes will be awarded on the basis of the high team total pins, the high single game team, the individual high series of three games, and the individual high single game. Only one prize will be allowed a team or individual. Bowlers and their teams are listed as follows:

**Jungle League**

Lions: Mills, Brown, Peirson, Dierks, Duffield.  
Wildcats: Hake, Marmon, Kubiak, Foster, McClendon, Stradford.  
Bears: Ballard, Bentz, Leonard, Sutton, Jenkins, Smyth.  
Rabbits: Anderson, Fay, Smith, Hickey, C. W. Campbell, Kunetka.  
Mustangs: Sampson, Anderson, Kahler, Jorgensen, Paxton, Dietrich, Foss.  
Panthers: O'Neal, Kueker, Cadles, Maupin, Weidner, Atkins.  
Gophers: Hanson, Domme, Boyd, Tilley, Pease.  
Lobos: Butler, Meyer, King, Morrison, Weber, Lindquist.

**Major League**

Tigers: Saylor, Hoge, Bell, Johnson, Fink.  
Indians: Bolton, J. Tillman, Marper, Pyetzki.  
Senators: Rappleyea, Miller, Hall, Lincoln, Redburn.

Athletics: Oboikovitz, Gueldenzoph, Anderson, Repetti.  
Yankees: Moser, Foy, Weeks, Sanchez, VanderLaan.  
Red Sox: Hollers, Honest, Hoffman, J. Taylor, Smith.  
White Sox: Reese, Wicke, R. Tillman, Dadian, Stoner.  
Browns: A. Taylor, Sylvestre, Bryson, Clyde, Rice.

**All-State League**

Michigan: Guntrum, Little, Moore, Ford, Ginther, Favia, Schultz.  
Wisconsin: Powell, Webster, Hansen, D. Jenkins, Kasper.  
Indiana: Martin, Durant, Fegan, Thome, Borah.  
New York: Liguori, Calhoun, Corrigan, Campbell, Bailey, Ozmun.  
Illinois: Korn, Budds, Padilla, Eisele, Cole, Steele.  
Oklahoma: Melillo, MacNeil, Kidd, McCullar, Parsons, Palmer.  
Iowa: Funk, Lind, Harshman, Hinsdale, Fellows, Vytlaclil, Erickson.  
California: Pumpheries, Chesnut, Hansche, Hunt, Schenke, Marquand.

**Indian League**

Blackfeet: Knox, Waugh, Chaves, Burchfield, Ortiz.  
Mohawks: Whitney, Ruder, Eichert, Glaese, MacNeil.  
Zuni: Hess, Wedwick, Davis, Baumgartner, Deutsche.  
Hopi: Priore, Johns, Palmer, Nendell, Malley.  
Apaches: Culley, Brewster, Phelps, Taylor, Northrup.  
Potawatomi: Huenefeld, Pickard, Har-meyer, Comstock, Gray, Horne.  
Navajo: J. Dawson, Jobe, Harrington, J. Palmer, Parsons.  
Arapahoe: Formero, Porter, Nelson, Snyder, Summers.

**Ladies Insect League**

Lady Bugs: Palmer, Birdsong, England, T. Palmer, Kidd.  
Hornets: Taylor, Butler, Dadien, Dreesen, Hahn.  
Centipedes: Milligan, Walters, Burg, Anderson.  
Beetles: Roy, Foss, Knapp, Hickey, Culley.  
Fireflies: Krajovic, Brouillet, McGee, McKay.  
Scorpions: Fink, Parsons, Hainlen, Amador, Tucker.  
Black Widows: Schultz, Kraft, Bush, Pace, Anderson.  
Roaches: Ragsdale, Messner.

**Notice!**

**COLORADO U ALUMNI**

Colorado University alumni will have a picnic at Doc Long's recreation area in the Sandia Mountains Sunday, October 14, at 12:30 p.m. Each family attending the picnic is requested to bring its own food and pay 50 cents for additional expenses. For further information call Bill Wing, ext. 21234.

**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 —**

**Mattress springs**, new, radio phonograph, fireplace tools and electric log, used Colonial bedroom suite, dining room set, desk. Reasonable. Lee Ferrar, ext. 31152, Alb. 5-5256. 2924 Hyder Drive.

**Winchester 30-30**, Model 94, 1 year old, fired 20 rounds, like new, \$60. Vince Melillo, ext. 25236.

**1949 Ford Custom Tudor**, 6 cylinder, R&H, turn indicator, excellent upholstery, 19,000 miles, undercoating, wheels balanced, new paint job, original owner, \$1,220. C. H. DeSelm, ext. 21152, or Alb. 5-2634, 513 S. Carlisle.

**4 Puncture-proof Tubes**, General, Heavy Q, 6:50-15 or 6:70-15, practically new, cost \$90, sell for \$50. Joe Hickey, ext. 26149.

**1947 Hudson Fordor**, Commodore 6, over-drive, heater, good condition, \$650. Low down payment. C. M. Dixon, ext. 33141 or Alb. 5-5312.

**Washer, Easy Spin Dryer**, excellent condition, cost \$199, sell for \$90. Wally Bischoff, ext. 29262. See at 3268 47th St., Sandia Base.

**Refrigerator**, Kelvinator, 8.5 cubic foot, like new, \$150, cost \$250. Robert Cox, ext. 33256 or Alb. 6-1182.

**16 Gauge Shotgun**, Stevens, double barrel, \$40. Seventh passenger seat for Willy Station Wagon \$15, cost \$38 new. Ed Amnette, ext. 4248.

**Boxer Puppies**, male, fawn color, Charles Fletcher, ext. 25152 or Alb. 3-1169.

**Piano**, upright, used, baby carriage. Wilson Hicks, ext. 21145, 321 N. Manzano Drive.

**Kay String Bass**, imported spruce, sale or trade, \$225 or a reasonable offer. Bill Neil, ext. 33158, 2701 N. Bel Air.

**Shotgun**, 12 gauge double barrel, L. C. Smith Field Grade, excellent 30 inch barrels, detachable front sighting ring, reasonable. H. Lautner, ext. 31243, Alb. 3-7498.

**Floor Furnace**, 40,000 BTU, oil fired, cost \$135, price \$35, with barrels, tubing. G. H. Miller, ext. 6145, Alb. 5-5065.

**Two bedroom home**, California style, attached car port, thermostat heating, good lawn, young trees, by appointment, Mrs. Alfred Pena, ext. 24141.

**1949 Ford Custom tudor**, 8 cylinder, new air cushion tires, radio, heater, \$1195. W. O. Smitha, ext. 21186 or 21241.

**Smith and Wesson Revolvers**, K-38, target model, \$71.50, K-22 target model, \$78, both brand new. Oriental rug, 4 x 7, \$35; Officer's leather dress coat, \$18; W. O. Smitha, ext. 21186 or 21241.

**Camera**, Pace Maker Speed Graphic, 4 by 5, with Graflex Back, coated Ekatar F4-5, 152mm. lens in supermatic (x) shutter plus Schneider Angulon 90mm. wide angle coated lens in flash compur. Hugo Myers Range finder and focospot Graflite 3 cell gun, solenoid, five and seven inch reflectors, Grafmatic film holder, filter assortment including polonoid, sunshade, and graflex custom saddle leather case to hold all above items. Stainless steel Nikor cut film tank, 6 doz. films package Kodachrome film. Everything new condition, \$425. T. S. Daniel, ext. 23238.

**RIDES WANTED —**

**Five Point Road and Bridge Street**, Josh Z. Holden, ext. 26149 or Alb. 9972.

**1107 La Pablana**, vicinity of North 12th, Daurice Hall, ext. 29250.

**Palo Duro Drive and 12th**, or Griegos and 12th, Eileen Tixier, ext. 25148.

**330 Schulte Road**, 6600 Block North 4th, Madelyn Washington, ext. 28251.

**1328 North Princeton** to Tech Area, Herbert E. Brown, ext. 7135.

**1027 North Stanford**, La Rue Baggett, ext. 21124.

**1141 South Atrisco Road** or Five Points to either East or South Tech gates, Ruth Acher, ext. 25235.

**Central and Mesa** (across from University) Carol Cremean, ext. 22255.

**422 South Amherst** or vicinity of Carlisle to Ad Bldg. parking lot, Mabel Harry, ext. 28242, or Alb. 5-8397.

**317 North Quincy** to Ad Bldg. parking lot, Janie Wilson, ext. 28242 or Alb. 5-7422.

**136 North Girard**, Cora Callender, ext. 29255.

**14th and Central**, Constance Weber, ext. 4241.

**Girard and Coal** to East Tech Gate, Mabel Brown, ext. 31235.

**EXCHANGE RIDE —**

**Vicinity of Goff's Corner**, alternate days or weeks, R. L. Schneider, ext. 21214 or Alb. 3-1123.

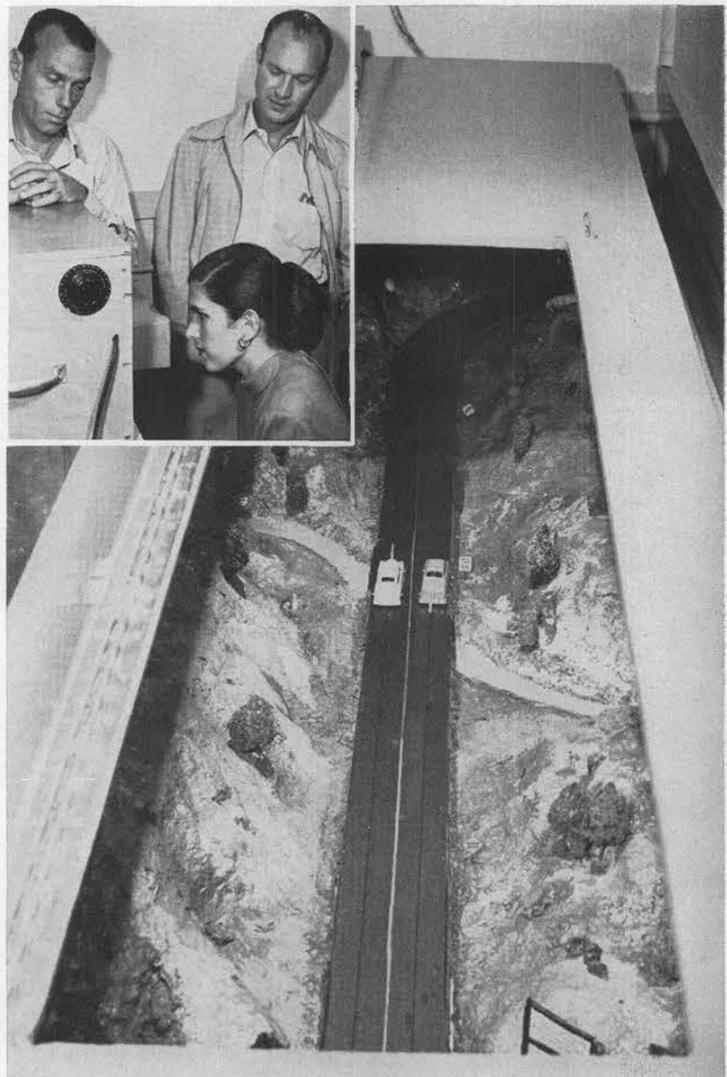
**RIDERS WANTED —**

**Central Avenue and Columbia Avenue** or any street on Central to Sandia Base. Frances Rinn, ext. 33256 or Alb. 2-5480.

**Highway in Box Is Used to Test Depth Perception**

Applicants for AEC drivers licenses now have a chance to play an interesting game as a part of their eye examination. In order to test applicants' depth perception they are seated before a long wooden box with a small window at one end. Inside the box a miniature highway, complete with papier-mache landscaping, has been built to a scale of half an inch for three feet. The builders, Harold E. Young and Allen L. Hobbs, both of 3161, placed two little cars side by side on the highway and arranged them to run on almost invisible wires attached to a tiny electric motor. By flipping a toggle switch the person being tested can move the cars. They always move in opposite

directions and the applicant's job is to line them up beside each other. This is hard to do because the person being tested is always looking at the front end of one car and the back end of the other. But if he has good depth perception, he can almost always line up the cars side by side. In addition to the motor running the cars, the interior of the box can be lighted to varying degrees of intensity by use of a knob on the side of the box. The realistic looking highway is bordered by greenery, sloping hillsides and part of the highway is a bridge crossing a little blue paint stream. Just as a tip to the AEC license applicant a sign on the highway announces "Speed Limit 50."



A MINIATURE HIGHWAY with two tiny cars and scaled down scenery provide the setting for the new depth perception test required for those getting an AEC drivers license. The object of the test is to line up the cars as they are in the picture by working a switch which starts them moving in opposite directions. Keeping an eye on the road is Concetta Wright, 3160. Keeping an eye on Concetta are Harold E. Young and Allen L. Hobbs, builders of the test gadget. Inside the box is a tiny highway complete with two movable cars and colorful scenery.