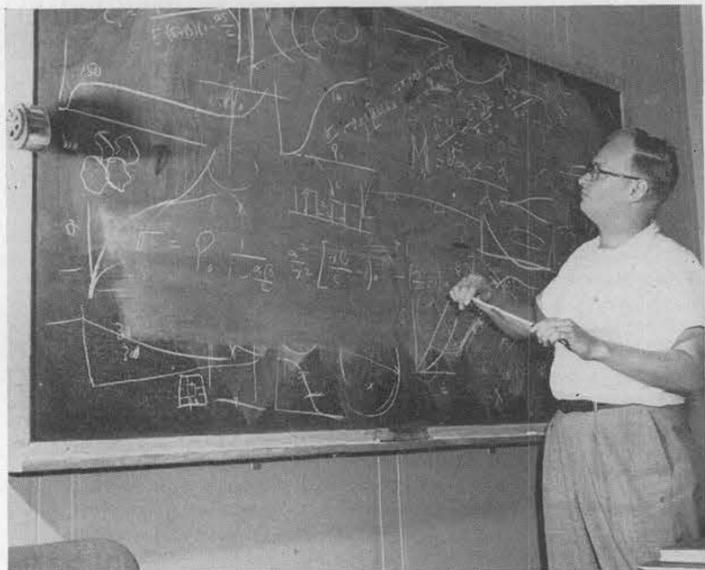


SANDIA BULLETIN

Vol. IV, No. 19 SANDIA CORPORATION, ALBUQUERQUE, N. M. SEPT. 12, 1952



IT'S NOT GREEK, but it might as well be unless you have a mind like physicist Albert Bridges, 5143. Here Al poses with slide rule beside a blackboard full of the type of high powered doodles that emanate from the scientific mind under full steam. Al has a Ph.D. and M.S. degree from Vanderbilt University and a B.S. from the University of the South, all in physics.

Whirlwind Red Feather Campaign Scheduled to Begin October 7

Governor, Celebrity To Address Solicitors

Employees of Sandia Corporation will once again set the pace for other citizens of Albuquerque in this year's Community Chest campaign. That is the confident prediction of our Red Feather campaign chairman, H. J. "Wally" Wallis, 1900, whose hard-working committee has been meeting each week to plan every detail of a whirlwind two-day solicitation which will be largely completed before the drive for Greater Albuquerque really gets a good start.

The drive for funds will open October 7, the day following an inspirational rally to be held at the Base gymnasium for the entire solicitation group. It is expected that Governor E. L. Mechem will address the gathering and that a portion of the program will be broadcast over Station KOAT. In addition to Governor Mechem the committee expects to bring to Sandia a well-known Hollywood movie actress who will give a short talk as did Greer Garson at last year's meeting.

An advisory committee appointed by Solicitation Chairman R. J. "Jack" Hansen, 2200, is spearheading the task of hand-picking some 550 solicitors and other drive leaders who will see to it that every one of our nearly 5,000 employees has a chance to contribute. Jack's advisory committee consists of W. T. Moffat, 5210, C. W. Campbell, 1920, F. P. Fay, 3230, K. S. Spoon, 2340, and E. C. Deuschle, 4310. These men, representing an organizational cross-section of the entire laboratory, will name 10 team captains under whose direction the solicitation will be conducted. Each team captain will have five squad leaders and each of the squad leaders will have 10 solicitors reporting to him. No solicitor will have to contact more than 10 employees. The solicitation will be conducted by non-supervisory employees.

The goal for this year's Red Feather drive in Albuquerque is \$228,000, approximately 20% more than last year. Because of our substantial growth during the past year it is expected that Sandia Corporation's total contribution will far surpass the more than \$20,000 we turned in last year. Chairman Wallis hopes we will again raise approximately 10% of the total Albuquerque fund goal.



RED FEATHER MERCHANTS to be appointed by the Community Chest Solicitation sub-committee are going to make certain every employee is offered a chance to contribute. Solicitation Chairman R. J. Hansen, second from the right, is pictured at a recent meeting with his advisors, Frank Grubbs, Charlie Campbell, Ken Spoon, Al Gruer and Fred Fay. Florence Gustafson recorded the results of the meeting at which plans were completed for a laboratory-wide solicitation beginning October 7. Mr. Grubbs was substituting at the meeting for Emil Deuschle and Mr. Gruer was representing Bill Moffat.

Floating Bottle Carried Note to Wake Island Shore

Two Sandians, Bill Jamieson, 1914, and Charlie O'Keefe, 1932, have joined the ranks of the adventurers who have cast a note upon the waters and received a reply, but no romances are involved.

Bill and Charlie, while on board ship 300 miles off the coast of California last year, tossed overboard a bottle containing a note with their names and addresses. Fifteen months later the bottle was picked up on the shore of Wake Island and the note returned to Bill. They figure the bottle traveled more than 4,500 miles in that time.

Finder of the bottle, a radio operator for the Japan Air Lift, expressed surprise that the bottle found its way to Wake shores. He wrote, "Wake is a very small dot in the Pacific and it is interesting that it landed here."

Henry Busse Dance Sunday Followed By Full Month of Fun at Coronado Club

Sunday night is Henry Busse night at the Coronado Club. This popular musician and his orchestra will spend the evening entertaining Club-goers with the dance tunes they've made famous from coast to coast. The dance starts at 8 p.m. and will last until midnight. Tickets are \$1.50 per member, \$2 per guest.

Barn Dance Night
The next big event of the month is the Barn Dance slated for Saturday the 20th. This gala event will begin with a Chuck Wagon Dinner at 7:45 and 9 p. m. Pancho Baird and his Santa Fe Rangers will mount the bandstand to start the musical festivities. The dinner and dancing will cost \$1.50 per member, \$2 per guest and the stompin' will last from 9 to 1.

The following evening Coronado Club-ers will be again treated to that bargain of all bargains—the Sunday night Buffet. This time Charlie Beisel, his organ and his band will provide the dinner and dance music. Price? Two bucks per member, \$2.50 for guests. Time? 5 to 7:30 for the smorgasbord

IRE Meets Sept. 18 On U of N.M. Campus

Dr. Carl A. Heiland, president of the Heiland Research Co., will present an illustrated talk on "Electrographic Recording" before a joint meeting of the Institute of Radio Engineers and the Instrument Society of America on Sept. 18.

The lecture in room 102, Mitchell Hall, University of New Mexico, will commence at 8 p. m. following a business meeting at 7:45 p. m. Whitey Hollenbeck, ISA president, will preside. Dr. Heiland has published more than 100 technical and scientific papers, has written a book entitled "Geophysical Exploration," and holds a number of patents pertaining to geophysical instrumentation, galvanometers and oscillographic recording.



Dr. Heiland

Large City Map Will Help You Find New Streets

A large new official map of the City of Albuquerque has been posted in the Employee Services Building 301. The 4 by 6 foot map shows all the new street names, locations of schools and other public buildings and other pertinent geographical data. Although obtained primarily for the use of newcomers seeking desirable housing locations, the map is available for reference by anyone unable to find desired information on the city maps such as the one in the telephone directory.

Henry Busse Dance Sunday Followed By Full Month of Fun at Coronado Club

Sunday night is Henry Busse night at the Coronado Club. This popular musician and his orchestra will spend the evening entertaining Club-goers with the dance tunes they've made famous from coast to coast. The dance starts at 8 p.m. and will last until midnight. Tickets are \$1.50 per member, \$2 per guest.

Barn Dance Night
The next big event of the month is the Barn Dance slated for Saturday the 20th. This gala event will begin with a Chuck Wagon Dinner at 7:45 and 9 p. m. Pancho Baird and his Santa Fe Rangers will mount the bandstand to start the musical festivities. The dinner and dancing will cost \$1.50 per member, \$2 per guest and the stompin' will last from 9 to 1.

The following evening Coronado Club-ers will be again treated to that bargain of all bargains—the Sunday night Buffet. This time Charlie Beisel, his organ and his band will provide the dinner and dance music. Price? Two bucks per member, \$2.50 for guests. Time? 5 to 7:30 for the smorgasbord

buffet and 6 to 10 for the music. It's practically a must to get your reservations in advance for this popular event. Hey, Men! Your night is coming up again. On Wednesday the 24th "Dud" DeGroot, University of New Mexico athletic director, will bring a few grid men and members of his coaching staff to the Men's Night event to expound on football possibilities for the coming season. To prove their points they'll show football movies. Beer and pretzels are free and the time is from 7:30 til ?? Guests are charged 50 cents.

Dance Instruction
A new event at the club, being tried to estimate members' response, is the Arthur Murray ballroom dance instruction to be held Tuesday the 16th. A top instructress from the local dance school will give lessons in the tango, rumba, samba, foxtrot and other dances from 8:30 to 10:30. If you like the idea and want more—be there.

The jackpot at Bingo on the 17th will be a deep freeze stocked with a hind quarter of beef plus \$50. If it isn't won this time more food will be added at each successive Bingo. Calling starts at 8 p. m. and lasts until about 10:30.

Bridge players will again have a chance to match wits and luck on the 18th and 25th. Party bridge will be on the 18th and duplicate bridge on the 25th. Both events will cost 25 cents per person (which goes toward prizes) and both last from 7:45 to 10:30 p. m. The Club is proud to announce that Pianist Maurice Karnowsky may be heard each Friday night in the Cocktail Lounge from 5 to 9. Come and set the mood with your requests. Maurice specializes in musical comedy numbers.

Students Note!

Monday and Tuesday evenings, Sept. 15 and 16 are the dates for registration for night credit courses at the University of New Mexico. Registrants whose last names begin with letters A to K will register Monday evening from 6:30 to 8:30. Registrants whose last names begin with letters L to Z will register Tuesday evening at the same hours. Place of registration is Carlisle Gymnasium.

Registration for Community Evening College non-credit courses at the University is 8 a.m. to 5 p.m. and 7 p.m. to 9 p.m. September 15-19 in Hodgkin Hall, located near Central Avenue on the Campus.

For information concerning University of New Mexico night credit courses telephone Albuquerque 7-8861 ext. 213 or call at Admissions and Records Office, 102 Administration Building. Information concerning non-credit courses may be secured by telephoning Albuquerque 7-8861 ext. 353.

Registration for night campus classes at St. Joseph's College is Sept. 15 on the college campus. Classes will begin Sept. 16. Registration for the Sandia Base night classes offered by St. Joseph's College was Sept. 4. Information concerning these courses may be secured by telephoning Albuquerque 3-3546.

These night classes offered by both schools are an excellent opportunity to improve your education—take advantage of them.

Sandia Fire Prevention Man Vice-President Of N.M. Fire Chiefs

Ted Rosenwald, Sandia Corporation's fire prevention training specialist, was elected vice-president for the state of New Mexico group at the recent 79th annual conference of the International Association of Fire Chiefs in Boston, Mass.

While in the hub city, Mr. Rosenwald was given a tour of the Gamewell Fire Equipment plant, the organization which furnishes all of the fire reporting and detection systems for Sandia. He was particularly interested in the State Fire Training Program section of the conference and the extensive exhibits of the latest fire protection and prevention equipment.

Traffic Diversion Helps Motorists Bypass Gibson

During the construction of the new four-lane divided roadway on Gibson Avenue traffic is encouraged to use Ridgecrest Drive. Automobiles leaving the West Gate of Sandia Base may turn south outside of the gate and travel Louisiana Boulevard to Ridgecrest Drive then turn west and rejoin Gibson near the Veterans Hospital. Incoming traffic to Sandia Base will also find travel more rapid if these streets are used.

Use of this route will not only relieve congestion while Gibson Avenue is under construction but will provide a better road for travel to and from work.

Contractors have reported that the resurfacing of Eubank Drive will be completed in about one week.

National Presidents of 2 Engineering Societies Attend Albuquerque Meeting

The New Mexico Section of the Institute of Radio Engineers was host on the evening of Sept. 2 to two distinguished guests, D. A. Quarles, President of Sandia Corporation and National President of the American Institute of Electrical Engineers and Dr. D. B. Sinclair, National President of the I. R. E.

After dinner at the Alvarado Hotel, talks were given by Mr. Quarles, Dr. Sinclair, and Don Bliss, 2532, President

of the local Council of Technical and Scientific Societies. The talks had a general theme of unity among technical organizations and were followed by a general discussion.

Other guests at the dinner meeting included members of the local I. R. E. executive committee, members of the local A. I. E. E. executive committee and representatives of other organizations on the Council of Technical and Scientific Societies.



ENGINEERS representing two national organizations, The American Institute of Electrical Engineers and the Institute of Radio Engineers, were guests at a recent meeting in Albuquerque. L to R: Don Bliss, 2532, President of the local Council of Technical and Engineering Societies; H. C. Biggs, 2122, Chairman of local section of A.I.E.E.; C. W. Carnahan, 5410, Chairman of local I.R.E. Chapter; Dr. D. B. Sinclair, National President of I.R.E., and D. A. Quarles, President of Sandia Corporation and National President of A.I.E.E.

SANDIA BULLETIN

Friday, September 12, 1952

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

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

Photography by Photographic and Reproduction Division

The Sandia Bulletin is published every other Friday. Contributions should be mailed to The Bulletin, Employees Service Office, Building T-301. All contributions should be in The Bulletin office by noon Friday one week in advance of publication date.

Telephone Ext. 25253



Here's a Chance to Improve Your Worth

As time goes by more and more folks in the business world see the truth in the saying, "There's no hope for the satisfied man." The person who fails to better his education when the opportunity is provided makes a grave mistake.

There are two types of education, and neither should be neglected. One is the education of experience and the other the education from professors and books found in colleges and universities. The former is available to everyone, all the time. The latter may be enjoyed by those fortunates who live in a community where such educational facilities are available.

Living in Albuquerque we find ourselves classified as fortunate. We have the University of New Mexico and St. Joseph's College, both offering night courses for the convenience of would-be students who work all day. It is possible to earn a degree at either school, provided you stick to your guns and plan your courses wisely. Many technical courses are offered and already several Sandians have earned bachelor and master degrees by attending these night classes.

In addition to the night credit courses, The University has a schedule of non-credit night classes which provide instruction in a wide field. Also, St. Joseph's College has scheduled night classes to be given on Sandia Base.

Winston Churchill, who usually has an appropriate comment for most subjects, was once talking about education and said that youngsters sow wild oats, but when they are older they grow sage. Perhaps a bit of this sageness can be gained in our younger years by taking advantage of available educational facilities.

On the cover of the bulletin naming its evening courses The University of New Mexico has printed "College credit offerings by the regular faculty of The University arranged to provide opportunity for the cultural and occupational advancement of adult students."

Here is a chance to increase your worth in the business or industrial world.

G. T. Pelsor, 5121, halved his recent vacation with one week at the Grand Canyon and one week at home where he relaxed with his family.

Vacationing recently in Virginia and Washington, D.C., where they visited their respective families were Leonard Cooper, 5122, and his wife. They covered over 5,000 miles on the trip.

Hal Hale made short visits to places of interest in New Mexico during his vacation from 1911. Hal, a member of the Coronado Club's entertainment committee, also spent some of his time off scheduling events for the coming season at the Club.

Three members of 5120 who are attending the national meeting of the American Mathematical Society in Lansing, Mich., include Miriam C. Ayer, Ed Silverman and W. T. Reid.

Pat Maxwell, 5121, enjoyed a visit from relatives during his recent vacation and accompanied them to various scenic spots in the Southwest including the Indian Ceremonials at Gallup.

Margaret Ewing, who is the recent bride of John Glass, AEC, was honored August 21 at a Coronado Club luncheon by members of Department 5120. Margaret will return to Sandia after her wedding trip.

Gary Allan is the name chosen for their new son by Fred Comstock, 4233-2, and his wife, Betty Jo, who welcomed the little lad August 24. Statistics: 6 pounds, 8 ounces.

Mary Frances Jamison, 2222-1, has returned from an extensive vacation trip in Mexico where she visited Mexico City, Taxco, Puebla, Cuernavaca, Acapulco, and scenic spots en route.



BACK OF ALL that bass and perch and sun fish are Leonard Glover, 2234, his wife, Ann, and Nellie Eskridge, wife of Wendell Eskridge, also 2234, who manned the camera on their Labor Day fishing trip to Caballo Dam, N.M. Wendell said they fished until Sunday afternoon when the fish decided to take a siesta.

Working on his cabin in the Ponderosa Pine sub-division was the way Jim Kane spent a brief vacation from 1241.

Bernadine Bull, 1241, visited her home in Phoenix, Ariz., over the long week end and reports on the weather there: "Hot!"

No place like Texas for a holiday says Ben R. Kirkpatrick, 1241, who visited Lubbock over the recent holiday.

His fellow workers are wishing for a quick recovery for AEC's William Ragsdale who is ill.

Genevieve Mills of AEC visited the splendors of Colorado and Utah during her recent vacation.

Home vacations were enjoyed recently by these AEC members, Paulynne Henry, Art Conzett and L. B. Hodler.

Among AEC's new home owners are John T. Briggs, Kenneth Craig, William B. Stinchcomb and Irvin Reintjes, all of whom purchased places in Hoffmantown addition, and James DeLuca who has a new home in Kimo addition.

Geneva Bishop, AEC, spent the Labor Day week end visiting in Deming, Santa Rita and Silver City, N.M.

A successful week-end fishing trip to Creede, Colo., was enjoyed over Labor Day by Robert M. Fegan and Frank Means, both of AEC, and their wives.

AEC Supply employees participated in a steak fry and social evening at the Four Hills Ranch at the foot of the Sandias last Saturday. They enjoyed horseback riding and dancing and were entertained by singer Wylie Johnson of the ranch.

Dorothy Jo Courtney, AEC, and her husband spent the Labor Day week end on a jaunt to Mesa Verde, Colo.

Sue and Jack Mafit spent their recent two-week vacation fishing in Colorado and northern New Mexico and caught their limit, "naturally" says Jack. Sue is in 2461-2 and Jack, 3152.

When Jo McAbee of 2461-2 took her recent vacation she caught up on lots of household chores at home.

Mary Dunaway vacationed Yellowstone National Park and Canada, returning by way of Chicago on her recent vacation from 2461-2.

Her co-workers in 2461 wish Kay Beard a speedy recovery from an attack of virus pneumonia.

Catherine McCarty, 2461-2, and her family visited the Grand Canyon and scenic spots along the route over the Labor Day week end.

Mary Strickland, 2460, spent her vacation at her new home in the Bel Air addition.

Sally and Ed Moore are on vacation and enjoying a trip through the southern states to Florida and have planned a jaunt to Cuba. Sally, 2460, and Ed, 1951, will return to Albuquerque via Virginia and Tennessee where they will visit their families.

Visiting Winnie Cox, 2460, over the Labor Day week end were her daughter and granddaughter from Hastings, Neb.

Among proud new car owners are Mary Lou Fresquez, 5131, and Max Weber, 5132. Mary Lou's is a new green and black Mercury four-door sedan, and Max has a green, four-door Hudson Hornet, a product of his recent vacation trip to the East.

Jack Wiesen spent a "married man's holiday" pouring cement for a patio, sidewalk and driveway during his recent vacation from 5131-1.

Over the Labor Day week end Gene Baker, 1931-4, drove to the north rim of the Grand Canyon where he picked up his son who had worked there during the summer.

"Mac" McAllister, 5132, is reported recuperating nicely from a torn ligament in his left knee, suffered during a volley ball game.

When Jim Smith, 5132, took his recent vacation he entertained his niece from Cincinnati with visits to points of interest in New Mexico including Bandalier, Taos, Eagle's Nest and Santa Fe.

Ken Erickson, 5130, his wife, Bill and Evelyn Wallace, and Warren Taylor, 5133, spent a delightful week end fishing in the Latier Lakes region north of Taos. They hiked eight to 10 miles in order to reach some of the waters. Bill is in 1514 and Evelyn is in 1951-6.

Ruth and Howard Burns spent two weeks camping and fishing in Colorado recently. Ruth is in 4152 and Howard, 5224.

When Marvie McFee, 2222-1, went fishing over the holiday week end at Pine River Dam, Colo., she caught her first Rainbow trout.



THE HARDY WOODSMAN at the top is H. V. Riley, 2543, who took his family on a vacation at the Jewel Carral Ranch in Colorado. Below are "two kids on a horse" to complete a wonderful vacation picture, Verna Lee, 9, and Vance, 5, the Riley children.

Fred Sinnott, 5422, and his family vacationed in Fort Worth, Texas, and vicinity last month.

David A. Tarbox caught a big "Welcome, back!" from members of 2410 when he returned to that organization after a training session with the Labor Relations department at Sandia.

When Billie Earnest, 2464-1, took her vacation she visited places of interest in Colorado with her husband and son and spent the last week at home.

Thomas Heaphy, 2464-2, took his family for a two week visit to relatives and friends in New Jersey during his recent vacation.

A not-so-bright event during Lois Barney's vacation from 2464-2 was the death of one of her pet Persian cats. Lois' hobby is her small "menagerie" of cats and dogs.

Francis Scott, 2412, and Hardin Simons, 2416, drove to old Fort Union in New Mexico August 23 to attend a special Masonic meeting that was held in the exact spot of the first Masonic meeting in New Mexico in 1848.



WHEN JIM RECK returned to his desk one day last week he wasn't prepared for the "daily dozen" strung over it, nor for the stork shop gifts piled high around his telephone. Jim, 2231-4, opened the boxes and found an amazing array of baby things that the girls in his department were sure would please the September newcomer in the Reck home.

Georgie Armbrust took a week's vacation from 2351 to move into her new home on Southern SE.

Charlie O'Connor, 2351, explored the wonders of Colorado during the long holiday week end.

Charlene Scott, 4131, was really enjoying a nice vacation at home recently until she smashed a finger in the front door.

Their co-workers in 4131 surprised Nancy Hockett and Helen Held recently with stork showers.

Jill Dean is the name chosen by proud parents, the Sid Bodleys, for their new daughter. Sid is in 4131.

Betty Boxx, 4135, and her husband, Bill Boxx, 2121, enjoyed a vacation recently in Pennsylvania, Washington, D.C., and Missouri.

Visiting relatives in Oklahoma is the vacation report for Bill Davis and family. Bill is in 4133.

His fellow workers are happy to see Dale Kibble back in 4133 after a session in the hospital.

Liz Foley's brother was recently recalled to active duty overseas. Liz, incidentally, is the owner of a new Pontiac. She's in 4133.

Doris Beaver, 2440, and her family took a trip to Bristol, Va., and Louisville, Ky., during her recent vacation. Doris reports that her son, 12-year-old Tom, was the hit of the season among the southern belles, a visitor from the wild and woolly West, no less. Doris said the best part of the holiday was coming home to New Mexico.

When Monte Lawton and family camped out in Mesa Verde and Rocky Mountain National Park, they took advantage of all the guided tours and enjoyed the campfire lectures at night. Monte is in 2441.

Dorothy Reifsnnyder, 2541, took a vacation holiday in California where she visited the Yosemite vicinity. "Too cold," says Dorothy.

Jerry Pierce's green thumb got a workout during his recent vacation from 2341. He planted a lawn around his home and already has a carpet of grass.

San Francisco and Las Vegas, Nev., were on the vacation agenda for Bob Durand and his wife recently. Bob is in 2341.

Fishing the Taos area was Joe Suazo's vacation this year. Joe is a member of 2334.

Bob Pearce, 2334, spent his vacation on his farm north of Belen. While Bob was away from Sandia a baby boy, Monte Mark, joined the Pearce family.

Mary Boles, 2334, moved last week end into her new home in the north valley.

"The Great A-Bomb Robbery" Communist Intrigue Continues After War Ends; Russians Increase Spying

By Bob Considine
International News Service
Staff Correspondent
(World Copyright, 1951, by
International News Service)
Reprinted by Special Permission

This is the ninth of eleven articles telling the story, as it never has been possible to tell it before, of how Russia stole America's A-Bomb secrets, and the people it used in the fantastic cloak-and-dagger conspiracy.

Sgt. David Greenglass, a former member of the young Communist league who was assigned during the war to work in the world's most sacrosanct tool shop, the one in Building E, Los Alamos, New Mexico, where the "trigger" of the A-Bomb was engineered, was a thorough soul.

He was not too bright, but he was thorough. And his great idols in life were his brother-in-law and sister, Julius and Ethel Rosenberg—who now face the electric chair for passing along to Russia what the unhappily placed sergeant was able to glean at his historic work.

A month after the end of World War II Greenglass came back to New York and gave Julius and his sister enough information to enable them to transcribe notes, descriptions and drawings of the vastly improved "lens" of the Nagasaki bomb.

The pleasure of the Rosenbergs made him feel very proud. And David joined in the laughter when Rosenberg confided to him that he had stolen a complete proximity fuse while on official business at the Emerson Radio Corporation, and had turned it over to the Russians.

Canadian Spies Caught

David, mustered out with an honorable discharge, went to work for Julius in a machine shop. He had all but forgotten the grave risk he had taken at Los Alamos by the time Dr. Allan Nunn May, the British scientist who had delivered uranium samples and much information to the Russians while working on the A-project in Canada, was apprehended, confessed, and was given 10 years in prison.

But Dr. May and his convicted associates soon faded out of the press. David Greenglass breathed easier. He was making pretty good money working for Julius. In fact, he still had some of the \$500 which Harry Gold had given to him, plus a \$50 War Bond which Ruth had bought at the time they received the \$500.

Gold, in those early months after V-J Day and the return of Dr. Fuchs to England, found himself ignored by the apparatus for which he had been working for more than a decade. Perhaps it was just as well, he reasoned. He had taken many chances.

In 1946 Gold was forced to look around for a new job. The Pennsylvania Sugar Co., where he had worked for 17 years as a chemist except for two brief periods of absence at college, closed the lab in which the gentle little man worked and was well liked.

Big Blunder

The job he accepted was one of the graver blunders of his life. He hooked on at \$100 a week with the Abraham Brothman Associates, chemical research engineers who maintained a laboratory in Elmhurst, Queens. He was "Chief Chemist." Brothman was an old acquaintance.

Gold, too, noticed with alarm the arrest and conviction of Dr. May, but was relieved when the furore subsided. He had no way of knowing that the word "Fuchs" had appeared in Dr. May's seized notes. Fuchs was a closed incident in the life of Gold. And so, apparently, was "John"—the name by which he had known Soviet Vice Consul Kakovlev. He had not seen or heard from "John" for a long time.

Then, ten months after his last previous meeting with "John," on which occasion Gold turned over the last information Fuchs was to give him, Gold received in the mail two tickets to a boxing match. It was a pre-arranged signal, telling Gold to appear (at 8 p. m. on the date stamped on the tickets) at the Earl Movie Theater

near the Yankee Stadium in New York City.

But the envelope had been addressed incorrectly and had taken too long to reach him. The date on the tickets had already passed. Gold waited tensely for several days, then received a phone call at his New York laboratory. The date was December 26, 1946.

Contacted Again

"Harry Gold?" the voice asked. "Yes."

"Have you been all right?" It was Yakovlev and by that question he was asking if Gold had suspected he was being followed.

"Yes."

"I'll meet you at the theater tonight at 8 o'clock."

Gold appeared, bought a ticket, and took a seat in the upstairs lounge. Presently a huge man approached him and quickly showed him a torn slip of paper which would be recognition signal for "John's" aide.

Silently the man beckoned to Gold to leave, and took him to a pub at the corner of 42nd and Third Ave. Yakovlev was waiting with a smile. He apologized for not having contacted Gold for ten months, inquired if he had heard from Fuchs, and got down to business. He was going to send Gold to Paris in March, 1947, to meet "a prominent physicist" and obtain information from him.

Gold was willing. He nodded, and said, "I think I can arrange for leave as soon as the pressure of work at Abe Brothman's has eased up a bit."

Yakovlev sat up as if struck by an electric charge.

"You fool!" he almost shouted. The Russian dipped in his pocket, slammed down several bills on the table, and charged out of the place. Gold, struggling into his coat, followed him, whining for an explanation.

Gold Penitent

"You've spoiled eleven years of work!" the Russian thundered, while Gold trotted at his side. "You should have remembered that I told you in 1945 that Brothman was being watched by the F. B. I."

Yakovlev left almost immediately for Russia, and a worried and penitent Gold went back to work for Brothman. He should have remembered and been more careful, Gold conceded. He had served briefly as Brothman's courier in the early 1940's after Elizabeth Bentley—a higher ranking member on the Communist courier roster—had complained to her boss and lover, Communist agent Jacob Golos, that Brothman was not delivering enough valuable material for the Russians.

When Miss Bentley broke with Communism she told the F. B. I. of her relationship with Brothman and how Gold had succeeded her in this work. Brothman was called before a grand jury in 1947. He told a smooth lie, then coached Gold to confirm it during his own testimony. Gold did so, and both went free.

But the F. B. I. now had a picture of Gold and a brief dossier, as a result of that and a subsequent fruitless appearance before the jury. It was to prove one of the traps that caught him—and the historic track-down of Gold, and his confession, meant that the G-men could close in on the Greenglasses and Rosenbergs, the latter couple now standing in the shadow of the electric chair.

(NEXT ISSUE:
THE NET CLOSES)

News from Men in Service

Philip D. Gilstrap, who was in 2121 while at Sandia Corporation, has been attending medical school at Offut Air Force Base in Omaha the past five months. Phil entered military service in January, 1951, and expects to be in the Air Force another two years. The medical school training, he writes, is to prepare men to be independent duty supervisors and do medical work on remote sites of the Air Force where there are no doctors. His address is: 3902 Medical Squadron, Offut AFB, Omaha, Neb.



DISCUSSING PROBLEMS confronted in checking the calibration of a meter are Bill Sharp, 2122-3 supervisor, and Bill Risk of 2122-1.

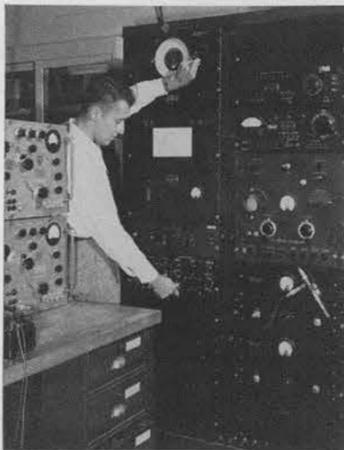
Accuracy Is Their Business—Time Or Electric Measurements; They're Right

If you have ever wondered what's the correct time you've probably no idea what a tough question it is to answer. Likewise, if you've questioned the accuracy of an electrical instrument you've raised quite a problem.

Trained Men

However, here at Sandia Corporation we have a group of men who have the proper know-how and equipment to give you the answers. They are the four who operate the Electrical Standards Laboratory which is a portion of Division 2122, headed by H. C. Biggs. In the Laboratory are William S. Sharp, Merrill C. Jones, Richard Carpenter and Charles Skaloud.

To the man trained in electronics you might say that these men are responsible for maintaining standards, performing adjustments or calibrations in voltage, current, resistance and frequency for Sandia's electrical instru-



STRAIGHT FROM WASHINGTON comes the radio signal of WWV, Bureau of Standards. In this picture Richard Carpenter is checking the laboratory clock against the call.

ments. To the rest of us we would explain that they keep our electrical instruments in top condition.

Therein lies quite a story of electrical procedures and theories which would make the uninitiated gasp and the man who has a close speaking acquaintance with electronic work nod his head with satisfaction at a perfectionist's job well done.

Correct Time

Several activities of the Laboratory are exceptionally fascinating. They know the time of day to an accuracy of a hundredth of a second. This is possible through constant radio communication with the National Bureau of Standards in Washington which in turn gets it from the Washington Naval Observatory. The Navy refers to the stars for the correct time, and there's no better place to go.

The Laboratory can check an extremely wide range of frequencies at extraordinarily close tolerances, and as soon as new equipment is received even this will be improved. Again, for those of us who have only a light bulb acquaintance with electricity, checking a frequency means they record the number of times per second that alternating current voltage goes through one complete cycle, or changes from positive to negative and back to positive again.

These gadgets (a poor name, for they are about as intricate and ingenious as man can design) which are used to calibrate high accuracy instruments throughout the laboratory are them-

Sandian Represents Albuquerque's I.S.A. Section at Convention

Ted B. Morse, 1530, as vice-president and representative of the local section of the Instrument Society of America, is attending the Society's Seventh National Instrument Conference and Exhibit in Cleveland.

Over 10,000 engineers, scientists and instrument users from all parts of the civilized world are participating in the conference, according to J. L. Hollenbeck, 1532-2, ISA president.

Approximately 100 technical papers will be delivered on various phases of instrumentation by outstanding scientists, and instrument men in their particular field. The huge exhibit will display the latest developments in instruments by 198 manufacturers, the U.S. Navy, and the National Bureau of Standards in 273 exhibit booths. These will be manned by 1,000 manufacturers' representatives.

The Albuquerque section of ISA meets the first Monday of each month, October through June at Mitchell Hall, University of New Mexico. Officers, other than Hollenbeck and Morse, are: W. E. Bostwick, 1511-4, secretary, and Richard A. Richards, 5431, treasurer.

Marksman Shoots Out Windshield of Sandia Tourists

The Lloyd D. Chapman family found a new hazard for the highway traveler while on their recent vacation trip to Oklahoma. Someone shot out the windshield of their automobile while they were driving in the late evening near Cuervo, N.M.

Lloyd, who works in 2414, didn't stop to investigate, but drove on to Santa Rosa where he reported to a State Policeman. Mrs. Chapman received numerous small cuts about her face and neck. Lloyd and his daughter, Linda Carol, 9, escaped injury.

Not daunted by the phantom sniper, the Chapmans replaced their windshield in Albuquerque and finished their vacation at the Grand Canyon.



A GREAT SKILL is required to operate some of the instruments. Without it how could Harvey Skaloud calibrate a meter using the K2 potentiometer and galvanometer?

selves checked by radio with instruments in the National Bureau of Standards. This is done daily, and incidentally, this same procedure gives the Laboratory the correct time.

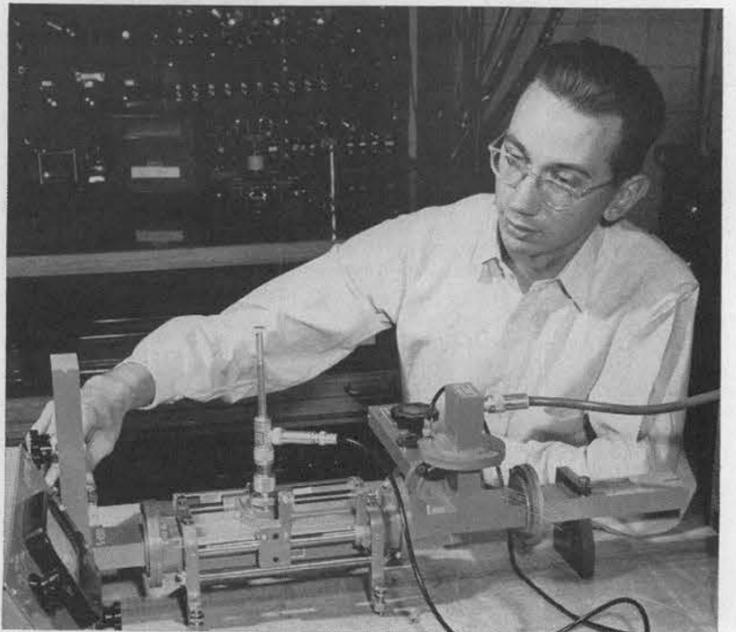
The Electrical Standards Laboratory also operates a loan service for Sandia Corporation's convenience. Typical of the instruments available for our electronics workers are precision forks, wattmeters, AF and RF oscillators, wavemeters, standard capacitors, galvanometers, meggers, standard cells, potentiometers, recorders and meters with accuracies of 1/4 per cent.

Fascinating Work

The Standards Laboratory Group operates separately from other nearby groups within the same division, but nevertheless finds itself working closely

with the Electronic Repair Group and the Instrument Repair Group of 2122, both of which are dependent upon Standards services. For example, a vacuum tube voltmeter sent to the section would first be checked for circuitry by the Electronic Repair Group and then would be turned over to the Instrument Repair Group for examination and necessary repairs. The final calibration would be done by the Instrument Repair Group using meters which have been calibrated by the Electrical Standards Laboratory.

It's a fascinating business these men are engaged in, and whether you are an electrical engineer, technician or completely uninformed on the science it's a reassuring thing to see such perfection in accuracy.



INTRICATE MECHANISMS are commonplace in the Electrical Standards Laboratory. Here, Merrill C. Jones checks VSWR measurements.

**MORE
AROUND THE DEPARTMENTS**

The **John Ransom** family enjoyed their vacation in Arkansas, Oklahoma and Texas where they visited relatives and friends and saw many interesting landmarks.

When **Lee Adam**, 2232, and his family took their vacation they went to Ohio where they took part in a county fair horse racing event.

Byron Stewart, 2232, his wife and mother enjoyed a visit in El Paso while Byron was on a two week training period with the National Guard.

The **H. W. Moeding** family divided their vacation time between Nebraska, where they visited relatives, and Colorado Springs where they enjoyed the cool weather and scenery. He is in 2333.

Her co-workers in 2333-3 honored **Cecelia Candelaria** recently with a surprise birthday party.

Helen Melacon, 4135, and her family vacationed in Canada, covering over 5000 miles on the trip that included the Black Hills of Dakota on the return route.

Moving into their attractive new home are **Pauline Prather**, 4135, and her husband.

Rose Heinlen, 4135, her son and mother, returned recently from California where they enjoyed their vacation.

Lorene Collins, 4135, and family went to Santa Barbara, Calif., to visit relatives recently.

Her fellow workers in 4135 wish a speedy recovery for **Bernice Armour**, who has been hospitalized.

Enjoying the scenery between Albuquerque and California are **Pat Stack**, 4135, and her husband who are vacationing.

Another conflicting report on California climate: **Adenago Perea**, 2232, took his family to the coastal state for their vacation and declares the weather was "hotter than Albuquerque."

Milton Guest, 2232, accompanied by his family, spent a vacation in Texas, but returned home early so that Milton could finish painting his home.

Johnny Robinson, 2545, and his wife visited their parents recently in Kentucky and Pennsylvania.

Joan and Stan Urevitch vacationed recently in New Jersey. She is a member of 2544 and he works in 2141-2.

The **Terry Harrington** family is vacationing in Denver where they will visit relatives. Terry is in 2544.

Jennie Howard, 2542, is spending a California vacation visiting friends.

Phoebe Chavez has returned to 2461-3 from a vacation spent in Colorado Springs where she enjoyed a trip to Pike's Peak.

The Labor Day week end took **Opal Keith**, 2461-3, to Phoenix where she says she had a wonderful holiday.

The **R. L. Lemm** family returned last month from a 5530 mile vacation trip which included visits to museums and shopping in Chicago; a college reunion at Michigan Tech. in Houghton; a tour of the University of Michigan at Ann Arbor, a visit in Cincinnati, and stops at "My Old Kentucky Home," the Lincoln Memorial, and "The Hermitage." They also spent a few days in Houston visiting relatives.

Ted Harris, 2351, motored to Springfield, Mo., and Oklahoma City on his recent vacation.

Frank Grubbs returned recently to 4233-2 following two weeks duty with the National Guard at Fort Bliss in Texas.

Perry Maglidt, son of **H. W. Maglidt**, 4233-1, caught a 14-inch Rainbow trout during the family's recent vacation to Colorado, the Pacific Northwest and Canada.

Attending the I.R.E. convention at Long Beach, Calif., recently, were **C. W. Carnahan**, 5410, **T. L. Allen**, 5415, **R. C. Moore**, 5412, **Frank Janza**, 5414, and **Col. L. V. Skinner**, 5411.

Howard Murphy spent his recent vacation from 5414 resting at home and fishing in the Jemez mountains.

Visiting friends and family on their vacation to Colorado and Illinois was **Joel M. Simmons, Jr.**, and his family. Joel is in 5413.

A trip through a gold mine near Cripple Creek, Colo., was the high point of the Labor Day week end spent sightseeing in and around Colorado Springs by **Bill Scott**, 1922-2 and his family.

Vickie Bercharlie, 1924-2, reported a very enjoyable two weeks vacation in Mexico City.

When **John Dempsey**, 4151, took his vacation he did some painting around the house and helped his wife get the children ready for school.

Returning recently from military duty at Fort Bliss were **Ben Dick**, 4151, and **Sam Mancuso**, 4152.

Dorothy Gaylord has returned to 2221-1 after a vacation spent with her sister at Chanute Air Force Base in Illinois and with her parents who reside in Springer, N.M.

Dorothy Hamm, 2461-3, welcomed home her son, **Ben**, who returned from Alaska recently on a military furlough. **Ben** was married Sept. 4 to **Geneva Gay Cannon** of Albuquerque.

The **James Fries** family have joined the new home owners with a residence at 5320 Alvarado Place. **James** is a member of 2234.

Weddings

Barbara Alice Tyner was united in marriage recently to **Airman 2/C Daniel G. Angstadt, Jr.**, Kirtland Air Force Base. **Barbara Alice**, 1521-3, has been with Sandia Corporation for two years. She is a



Mrs. Angstadt

graduate of Albuquerque High School and attended the University of New Mexico. **Airman Angstadt** was graduated from high school in Reading, Pa., his family home, and was employed by Trans-World Airlines before entering the Air Force. The couple is living at 422 Coal Ave., SE, Apartment 15.

Sympathy

Sandia Corporation employees extend sympathy to **Tudor Marks**, 2462, whose mother died in Albuquerque Sept. 3.

Sympathy is extended to **Ida Mae Bowling**, 2462-2, who lost her father Aug. 27.

Sympathy is extended to **George Lemmon**, 1284, whose 4-year-old daughter, **Celia Susanne**, died of polio Sept. 6.

Promotions

FRED J. KROLL was recently promoted to section supervisor of 1312-2.



He came here in 1949 with an M. S. and B. S. in aeronautical engineering from the University of Colorado. **Fred** is a veteran of six and a half years with the Armed Forces; four years as a Navy Air Force Pilot, a year and a half with the Coast Guard, and a year in the Army. Before his service he was an actuarial assistant for two years with Mutual Benefit Insurance Company of Omaha. He also attended the University of Omaha for two and a half years.

RAYMOND F. PIEROTTI is the new supervisor of section 2543-1. He



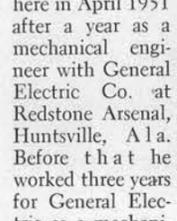
came to Sandia in 1950 following a total of six years with Westinghouse Electric Corp. He spent a year as a plant layout engineer and five years as a manufacturing engineer. **Ray** was also employed for a year as a process engineer with the Fisher Body-General Motors Corp., in Flint, Mich. He has a B. S. degree in industrial engineering from the University of Pittsburgh.

OSCAR M. FLINGER has been appointed section supervisor of 1321-1.



He joined us in 1950 after teaching electronics at a technical school at Lowry Air Force Base, Denver, Colo., where he was a Civil Service Commission employee. **Oscar** has a B. S. in electrical engineering from the University of New Mexico. He also spent five years in the Air Force where he was an instructor in aircraft electrical instruments at a Chanute, Ill., technical school.

JOHN P. FORD was recently named supervisor of section 1322-2. He started



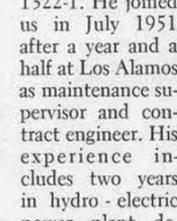
here in April 1951 after a year as a mechanical engineer with General Electric Co. at Redstone Arsenal, Huntsville, Ala. Before that he worked three years for General Electric as a mechanical engineer at Fort Bliss, El Paso, Tex. **John** is a veteran of three years in the Navy and he has a B. S. degree in aeronautical engineering from Notre Dame University.

RICHARD N. REED is the new section supervisor of 3152-3. He came



to Sandia in June 1951 with five years experience as an employee manager with Stromberg-Carlson Company, Rochester, N. Y. Prior to that **Dick** served for five years in the Army. He is a graduate of Niagara University where he received an A. B. degree in history.

BENJAMIN F. FISHER has been promoted to supervisor of section 1322-1. He joined



us in July 1951 after a year and a half at Los Alamos as maintenance supervisor and contract engineer. His experience includes two years in hydro-electric power plant design with International Engineering Co., and the Bureau of Reclamation plus a year and a half as turbine installation supervisor and two and a half years as test engineer and contract service engineer for General Electric Co. **Ben** has a B. S. in mechanical engineering from the University of Colorado.

BLAZE GANGWER has been promoted to division supervisor of 2531.



He joined us in 1950 and for eight years previously he was with the Naval Ordnance Laboratory at White Oaks, Md. **Blaze** recently earned an M. S. degree in mechanical engineering from the University of New Mexico. He is a graduate of the University of Oklahoma where he was awarded his B. S. degree in mechanical engineering.

ORVIN F. SHEPPARD was recently named section supervisor of 2531-3. He joined



the Laboratory in 1946 after three and a half years in the armed forces. His background includes experience as an electrical installer, medical college general technician, physical tester, employment interviewer, and salesman, all over a period of 12½ years. **Orvin** has an A. B. degree in psychology from Syracuse University where he also did a year's graduate work in psychology.

ERNEST C. PETERSON has been named division supervisor of 3211. He



joined Sandia in 1950 after four years with Western Electric Company, Inc., in Lincoln, Neb., where he worked in personnel employment and placement. For half a year before that **Ernie** was in employee interviewing with Nebraska State Employment Service. He is a veteran of four years service in the Army and he has a B. S. in mathematics from the University of Nebraska.

KENNETH A. SMITH is the new supervisor of section 1921-1. He came



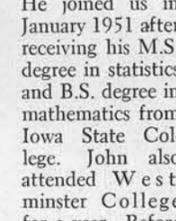
here last year after 11 months with a local real estate firm. Before that **Ken** was advertising manager for a bottling firm for three years in Milwaukee, Wis. He also worked five and a half years as director of personnel and labor relations for a ship building company in Bay City, Mich. For 18 months **Ken** was a manager-trainee for Sears-Roebuck Co. in Bay City. He has a B. S. in business administration from the University of Wisconsin.

DON L. ROST was recently appointed section supervisor of 3171-1.



He joined the Corporation last October following four years at Georgia Institute of Technology where he was awarded a Bachelor of Industrial Engineering degree. Prior to enrolling at Georgia Tech **Don** served for three years in the Air Force. While in the service he was engaged in the maintenance of airborne electronic equipment.

JOHN M. WIESEN has been named supervisor of section 5131-1.



He joined us in January 1951 after receiving his M.S. degree in statistics and B.S. degree in mathematics from Iowa State College. **John** also attended Westminster College for a year. Before that he worked a year as a machine operator for Republic Rubber Co., Youngstown, O. He is a veteran of three and a half years in the Navy.

**140 New Employees
Join Corporation
During Past Month**

One hundred and forty new employees were hired by Sandia Corporation during the month of August. Eighty-one were from New Mexico and the remainder came from 26 other states and the District of Columbia.

One hundred and six of the newcomers are married and they added 159 children to what might be called the "Sandia family." As has been the case in the past, the new employees are a highly educated group — 56 of them have college degrees, 19 having graduated this year. Thirteen have bachelor of arts degrees, 35 bachelor of science degrees, three master of arts degrees, three master of science degrees and two are doctors of philosophy.

Former Home States

Arizona	1	New Jersey	1
California	2	New Mexico	81
Colorado	1	New York	2
Connecticut	1	North Carolina	1
Illinois	6	Ohio	3
Indiana	3	Oklahoma	4
Kansas	3	Pennsylvania	2
Louisiana	1	Tennessee	4
Maine	1	Texas	5
Maryland	1	Utah	1
Massachusetts	2	Virginia	1
Michigan	2	Washington	2
Mississippi	2	Washington, D.C.	3
Missouri	1		

Colleges Attended

Universities of: Alabama, Colorado, Florida, Illinois, Maine, Minnesota, Michigan, New Mexico, Oklahoma, Oregon, Virginia, Texas, Wyoming, Indiana, Kansas.

Arizona State College, Carnegie Institute of Technology, Chicago Technical College, Chrysler Institute of Engineering, Cincinnati University, Chattanooga University, Gonzaga University, Highlands University, Marquette University, Midwestern University, Middlebury University, New York State College, Yale University.

Newark College of Engineering, Mississippi State College, New Mexico A. & M., North Carolina State College, Northeastern University, Ohio Northern University, Pacific Lutheran College, St. Louis College, Marshall College, Texas Western, Tulane University, Pennsylvania Polytechnic Institute and Vanderbilt University.

Salton Sea News

Fred Sayles, San Felipe Lodge manager, and his wife had as their guests over a recent week end Mrs. Sayles' daughter and son-in-law, **Mr. and Mrs. Gordon Gessler** of Beverly Hills, Calif.

Thomas E. White, 2483-2, and his wife, **Florence**, are the parents of a daughter born Friday, Aug. 22. She was named **Terry Lee**. Congratulations!

Mrs. Lloyd Wilson, 2482, and daughter, **Paula**, left Aug. 22 for Henryetta, Okla., where they will visit Mrs. Wilson's father who has been ill.

Notice

W. H. Brickner, AEC, asks that any members or former members of the Society for Advancement of Management, contact him at ext. 22242, if they are interested in forming an Albuquerque chapter of the organization.

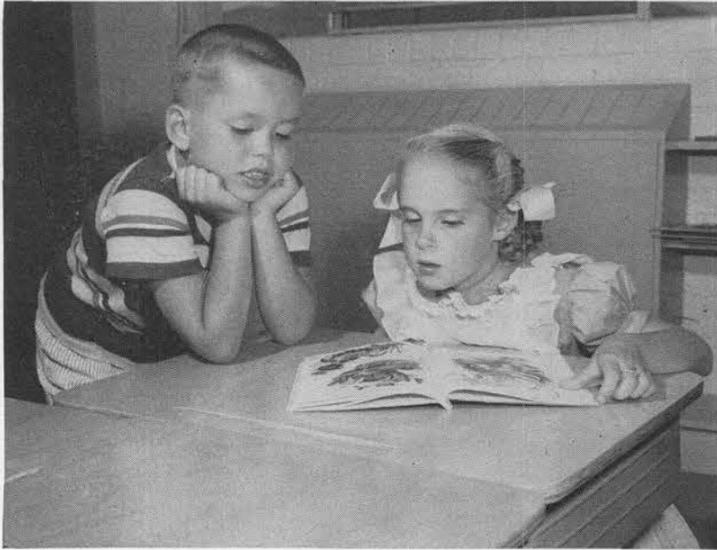
SHELDON H. DIKE has been promoted to division supervisor of 1533.



He came to us last year with a Ph.D. from Johns Hopkins University where he was engaged in proximity fuse research. Previously he spent a year with **Glenn L. Martin Co.** as head of electronics research and development for guided missiles. **Sheldon** also spent two years with Los Alamos where, as consultant with the atomic bomb group overseas, he supervised the loading into the aircraft of the two bombs that were dropped on Japan. From 1942 to 1944 he worked first as a research engineer at UNM and then as a research associate at the University of Michigan. Before that he was with Carnegie Institute's Terrestrial Magnetism Department engaged in research leading to the first practical proximity fuse for projectiles. He has a B. S. in electrical engineering from UNM.

IT'S A BIG EVENT ...

The First Day of School



BOBBY SWANSON and Lynn Funk were among the more than 180 first graders who entered Sandia Base school for the first time when the fall term opened Sept. 2. Bobby, son of Bart E. Swanson, AEC, and Lynn, daughter of Bill Funk, 3151, displayed rapt interest in the picture books in Mrs. Dorothy Hoover's room. They listened to stories and watched Mrs. Hoover tell a story with the flannelgraph and eagerly participated in all the new routines of life at school. Lynn had found a tiny horned toad the day previous while on a trip to the mountains with her parents, and thought it just the thing to bring teacher for a present. Her parents convinced her it wasn't appropriate, particularly since it was teacher's first day of the term, too.



LADIES FIRST! And Bobby prepares to give Lynn a big push on the school swings. This was one of the nicer parts of school so what were those big kids groaning about? Bobby, who lives with his parents at 73 Perimeter Dr., left two smaller brothers at home, Gary 3, and Kenny 2. Lynn and her mother, like many others that morning, had spent a busy few minutes getting braids up tight and the ribbons tied just so. In her pink organdy pinafore and matching satin hair bows, Lynn didn't appear to be the type who would pick up a horned toad for a pet.



IT WAS A SUNNY New Mexico morning and this school business kept getting better and better. Lynn, prepared for a fast scoot down the slides, kept Bobby not-so-patiently waiting his turn. Recess must be the highlight of the school day if these smiles on Lynn and Bobby indicate anything.

HERE'S MORE

Department News

Betty Shultz, 4135, and her husband recently returned from their vacation in Kansas and Missouri visiting relatives.

Returning to work after an enjoyable two weeks vacation at home is Clelia McGuire, 2333-3.

Ann Smith, 2333-2, spent her vacation in Norfolk, Virginia, visiting her parents.

Norma Bowers, 2333-2, spent the holiday week end in El Paso visiting her husband who is in the National Guard. They also enjoyed watching a bull fight in Juarez.

Holiday week end fishing took Billie Gasta, 2333-3, and her husband to Pecos, Bobbie Brock, 2333-3, and her husband to Tres Ritos and Mildred Shelton, 2333-3, and her husband to Lagunitas Lakes. All reported good times and good fishing.

E. G. Kahler, 2315, is back to work after spending a two week vacation in the East.

K. S. Spoon, 2340, returned to work last week after a vacation in southern Wisconsin.

J. E. McGovern, 2320, enjoyed a visit from his parents of Greenburg, Pa., last week. During their visit he took them to scenic parts of Arizona, including the Grand Canyon, Petrified Forest and Painted Desert.

Don M. Lucas, 2323, has returned to work following a week's vacation part of which was spent helping the Shrine circus as chairman.

Pat Alires, 4135, and Mary Lou Fresques, 4222, motored to Carlsbad Caverns, El Paso and Juarez where they enjoyed an afternoon at the bullfights recently.

Dale Grover, 4135, is back on the job after recent surgery.

Mildred Hinds, 1714, enjoyed being at home here in Albuquerque for her vacation and T. S. Daniel, 1716, spent a few days "just resting" and enjoying life with his family at his home.

Ivan M. Moore, 1713, says Iowa was hot but the fishing was quite good in Minnesota. He visited in the Hawkeye state for his vacation.

Meryl Beauchamp, 1714, enjoyed spending a few days in his old home town of Crawfordsville, Ia., recently.

The Ozarks and St. Louis were the destinations of Robert W. Thompson, 1716, on his recent two week vacation.

Betty L. Moore, 1710, spent Labor Day holiday at her home in Sulphur, Okla., and brought her son, Jerry, home for the opening of his school Tuesday.

Martha L. Barker, 1710, spent a couple of days at the Fiesta in Santa Fe last week end.

Harry K. Daniel, 1713, spent his vacation at his home here in Albuquerque and we are very happy to report that his wife is improving from her recent illness.

Hudson G. Boue, 1716, enjoyed a part of his vacation in Colorado and from there to Kit Carson National Park for a few days camping and the remainder relaxing at home.

Stanley Clayton, 5225-1, and his wife spent the Labor Day week end in Mesa, Ariz., visiting his sister. Stanley's mother returned with them.

Henry Sweeney, 5216, and family spent the week end at the Canjilon Lakes camping and fishing.

Paul Kirby, 1921-2, returned recently from two weeks military leave which he spent at Ft. Bliss, Tex.



40 YEARS HAPPILY MARRIED and Callie Mae Lambert shows her husband, Tom, the biscuits he will have for breakfast. Callie Mae, her husband, two sons and son-in-law work at Sandia.

Callie Mae Has Been Married 40 Years But Still Finds Time for Work at Sandia

Callie Mae and Thomas Lambert last month celebrated their 40th wedding anniversary and on the morning of the big day Callie Mae, for about the 14,000th time, baked biscuits for Tom. When they were married Tom knew he had the ideal wife—he didn't, and still doesn't, like bakery bread and Callie Mae was a biscuit baker supreme. Every day of their married life that Tom has been home he has had hot biscuits for breakfast.

Callie Mae, who works in 2231, is the mother of what might be known as a "Sandia Family." Tom, her husband, has worked on the Base since 1943 and is now a member of the fire department. Al, one of her sons, is a security inspector for Sandia Corporation and her other son, Houston, works in Sandia Corporation Department 3170. The daughter in the family, Mrs. Charles Graves, is a housewife and her husband is also a security inspector for the Corporation. Another son, Tom, Jr., was lost on Bataan during the war.

Sandia Corporation's Callie Mae Lambert could well qualify as one of the busiest women in these parts. After the regular "biscuit-breakfast" she straightens up the house before coming to work. After eight hours on the job it's home again and back to finish the housework and cook a meal. In the evenings she finds time for her hobbies of beadwork, leatherwork and ceramics.

The Lamberts came to Albuquerque 14 years ago and lived in a valley home. Four floods were too much and now they live in a comfortable home on high mesa land. During the war Callie Mae answered the call for women workers and spent three years as a sheetmetal worker at Kirtland Field.

Today, with three children, eight grandchildren, a home, hobbies and full-time employment Callie Mae is enjoying life to the utmost. A recent bout with asthma took her away from work for a time, but as soon as the doctor gave the signal she was back immediately.

Ordinarily 40 years is a long time, but to Tom Lambert it probably has almost seemed like a brief moment. It's like that when you have a fine family of children and grandchildren and a wonderful wife who has, among many other fine traits, the will to bake biscuits every morning.

Barbershop-Type Vocalists Invited To Form Quartette

Parker B. Burns, 2141-2, likes to sing and would like to find some fellow Sandians interested in forming a barbershop quartette. If you enjoy singing in close harmony and singing the barbershop variety of music, get in touch with Parker, ext. 6156.

"Hot Lips" Henry Slated Saturday

If you love to dance to music that's both dreamy and jazz, you can't afford to miss Henry Busse, his trumpet and orchestra, when he makes his appearance at the Coronado Club on Sunday night.

"Hot Lips" Henry has become famous through recordings of such favorites as "When Day Is Done." Over the years he has been a consistent favorite at hotels, nightclubs, on the air and even in the movies.

The Busse name is one of the "greats" in the popular music world because in the old days he played with such musical legends as Bix Beiderbecke, Jack Teagarden, Frankie Trumbauer and Paul Whiteman.

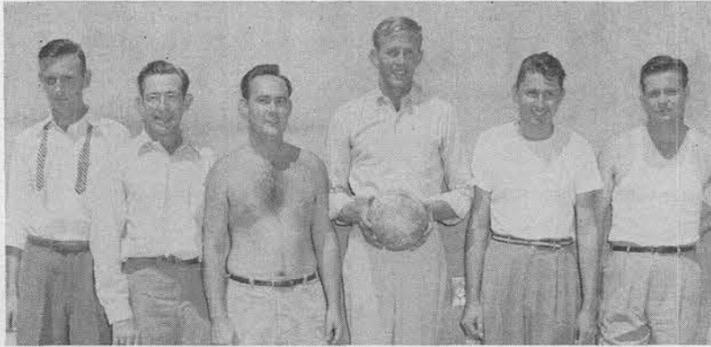
New Employees

A welcome is extended to the following newcomers who joined Sandia Corporation between August 21 and September 3:

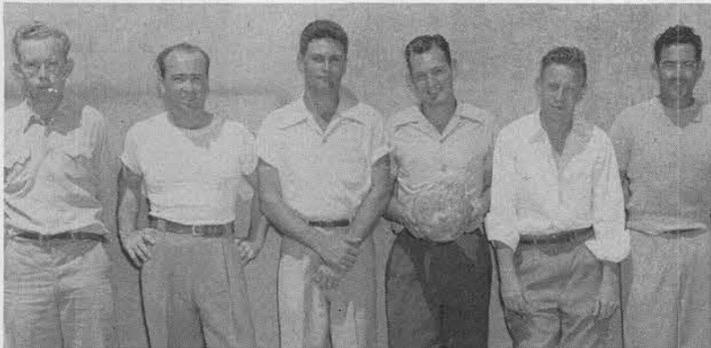
Raymond T. West	1213
J. A. Paulhamus	1230
Wilbert K. Parker	1231
Lasiter M. Spivey	1261
Raymond J. Slezak	1261
Harry A. Warwick	1311
Alfred J. Quant	1314
Leon K. Gotchall	1321
Joseph H. Newman	1331
Richard A. Buck	1332
Alden G. Finley	1346
John P. Wakeland	1915
Robert C. Ruttle	1931
Harold J. Wild	1932
Stephen O. Edwards, Jr.	1951
Mary E. Johnson	2141
Anita Steljes	2221
Emily J. Coris	2221
Esquivel K. Montoya	2231
Richard C. Zaluga	2231
Ignacio B. Ortiz, Jr.	2232
Herbert O. Howe	2234
Barbara B. Brock	2333
Muriel R. Neuberger	2334
Charles J. Urizarri	2341
Isaac L. Clements	2412
Wilfred Sanchez	2415
Baltazar G. Romero	2415
Seferino Sanchez	2415
Pedro Gallegos	2415
Manuel G. Martinez	2415
Joseph H. Billings	2415
Ibre Lee Brazell	2423
Clifford K. Rudy	2443
Mathilde T. Stralozoff	2461
Phyllis L. Flanders	2464
Henry E. Jones	2481
Anita La Moria	2532
Fred T. Hansen	2533
James A. Beaudet	2533
Flaviano Saavedra	2542
Robert D. Pace	2542
Rita A. Wassenberg	2544
Evelyn L. Graham	3153
Gwendlyn Warnick	3153
Susan A. Heflin	3171
Doris L. Willard	4135
Burnice A. Popham	4132
Jack R. Lawrence	4132
Derald W. Pitts	4153
Thelma A. Gordon	4222
Elsie H. Robinett	4222
Adelina Sanchez	4222
Priscilla G. Chavez	4222
Peggy Lou Walker	4222
Carter D. Brayles	5111
John C. Waydert	5140
Robert S. Jamieson	5313
Bennett L. Basore	5413
Paul L. Kerley	5413
Andrew C. Ellingson	5431
Frank Erznoknik, Jr.	5431

NOON-HOUR COMPETITION ...

Employee Volleyball League



LEADING TEAM in the 892 volleyball league are these athletes: L to R, James Meikle, 2231, William Dobbins 2542, Kenneth Smith 2542, Jack Smith 2542, Buford Egan 2231 and Virgil Bailey 2542.



CLOSE IN SECOND PLACE in the volleyball league are these players, L to R: Ferrill T. O'Rourke 2231, Travis A. Allen 2231, James Warne 2532, Shelton T. Hewitt 2231, Dave Lang 2532 and James J. Reck 2231.



THIRD PLACE CONTENDERS in the 892 volleyball league are, L to R: Camille A. Rudeau 2231, Norman L. Smith 2231, Lloyd Hungate 5242, Tom Kelly 2542, Warren Buck 2234 and Frank Castillo 2542.



IN FOURTH SPOT in the volleyball league is this team of players, L to R: Ray Caster 2542, Bob Lozano 2231, Bonifacio Lopez 2231, Joe Oxmina 2542, Gene Lucero 2542, and Al Lujan 2231.

2545 Cubs Win Softball Championship Behind Superb Hurling of Sam DeHaan

The Cubs of 2545 won the Sandia Employees Softball League championship from the Indians of 1200 on Friday night, Sept. 5, by a score of 17 to 3 in the final game of the playoffs. This score, however, did not tell the real story of the game.

Going into the last inning, Sam DeHaan, the old control wizard of the Cubs, had pitched a no-hitter. Not an ordinary no-hitter, either—a perfect game, no Indians reaching base in any way. Eighteen up and 18 down, with the closest squeak coming when Larry Callahan raced across center field to make a one hand shoe top snatch of Bob Statler's line drive.

DeHaan's no hitter was spoiled, however, when Wayne Hancock opened the Indian seventh with a line drive home run into the right-center pocket. Three more Indians got base hits before Bob Bailey cut down Bob Statler at third with a rifle shot throw to complete the Cubs first double play and end the ball game and the 1952 softball season.

Larry Callahan, with a homer and 2 doubles, and Matty Bostos, with a homer and a single, paced the 14 hit Cub attack. The new champs came

Downtown Bowlers Start New Season

Sandia employees downtown Major Bowling League started the winter session of competition Sunday night at Chaplin Alleys on N. Fourth Street. Dale Pipes was elected president of the league. Vice-president is Bob Hobson and Roy Hassebroek is secretary-treasurer.

Other team captains are H. Y. Dancy, R. L. King, Roger Johnson, Arvin Brown, George Jackson, Don Emrick, Vic Southerland, Frank Batchelor and L. D. Shoemaker.

back after losing the first game of the final series to cop the title.

The Cubs previously had defeated the 2122 Giants in two straight games in the first round of the playoffs while the 1200 Indians knocked off the 2452 Senators.

The champion Cubs and the runner-up Indians will receive trophies at the annual softball players party which will be held at the Coronado Club Monday evening, Sept. 15.

HERE'S MORE

Department News

Phyllis Kalin, AEC, and her husband left last week to visit relatives in Massachusetts and Michigan.

Spending a week in Canon City, Colo., visiting her mother recently was Sybil Milligan of AEC.

LaRue Baggett is welcomed back to AEC after a three months leave of absence spent in Florida.

Among AEC Labor Day holidays were Peggy Henrie—fishing in the Jemez mountains; Ellen Oberle, Erma Fauerbach and Sybil Milligan—visits to Ruidoso; Lou Dowd and husband—enjoying fiesta time at Santa Fe; Juanita McDonald and family—fishing at Hondo, N.M.

Teresa Sullivan, AEC, enjoyed a week's vacation recently visiting friends in Colorado Springs and Gunnison, Colo.

Ann Morrow, 4222, accompanied by her aunt, spent her vacation in Denver where they visited the museums, capitol building and art galleries.

Among Sandians on out-of-town trips over the long week end were Mary Alice Withers, 4222, who went to Denver; Pauline Coulson and Marilyn Langmeyer, 4222, Santa Fe Fiesta visitors; and Lee Schulz, 1211, and family who visited relatives at a ranch near Los Animas, Colo.

Gene Blake, 1211, visited the Grand Canyon and Zion National Park while motoring to Los Angeles for his vacation.

Holt Gay enjoyed his vacation from 1211 on the golf course.

Pagosa Springs, Colo., is where Dorothy Holloman, 4222, and her husband, spent the Labor Day week end visiting relatives and fishing.

Joseph and Barbara Hegge spent their recent vacation in Denver and Salt Lake City. Joe is in 5313 and Barbara, 3150.

Columbine Ranch near Durango, Colo., was the pleasant vacation spot for Don Jenkins, 3154, and his family. Don and Arthur E. Jones, 4232, also took four days of their vacation for a camping trip to Costilla Creek, N.M.

Carmel Sanchez, 3153, visited relatives in El Paso on her recent vacation.

Recuperating from a hike to the floor of the Grand Canyon over the Labor Day week end are Maridel Dyke, 3151, and Verona Cooper, 4222.

Jim Galbreath, 3153, took his wife and her parents for a week's vacation to White Sands, Ruidoso, Elephant Butte, N.M., plus a visit to Juarez.

Labor Day week end visits to White Sands, the Carlsbad Caverns, and Juarez were enjoyed by Barbara Banks, 3151, accompanied by her brother.

A. H. Spengeman, 4150, and Charles Dodson, 6010, spent a hilarious Labor Day week end attending the Texas Association of Magicians convention in Fort Worth, Texas. Both returned with many new tricks up their sleeves.

Tuna fishing off the coast of California was the highlight of their vacation for John Hess, 4152, and his family.

Visiting relatives and friends in Indiana recently were John Logan, 4151, and his family.

Helen Lautner, 4151, spent a few days of her vacation in Denver recently.

Harry U'Ren and his family motored to Chicago on their recent vacation. Harry, 4153, says Chicago was windy as usual.

Employee Gridders Whip Air Force In Kickoff Game With Military League

Sandia employees' entry in the Sandia Base military touch football league got off to an impressive start in league play when it defeated Det. "A," an Air Force team, 20-0 in a game played Sept. 4th.

Coached by Jim Schlahta, 3152-1, the Sandia gridders got off to an early lead over the fyboys when Jim Warren pitched a TD pass to Jerry Oguin from the Det. "A" 30 yard stripe.

The Sandians hit pay dirt again a few minutes later when Tooter Casper intercepted a Det. "A" pass and scooted into the end zone for another tally.

The third employee touchdown was scored by Jerry Oguin when he snagged a pass thrown by Frank Duggin from the Air Force's 20 yard line.

Extra points were scored by John Foster and Jerry Oguin on jump passes from Jim Warren.

The defensive squad played heads up ball throughout the game. Det. "A" never seriously threatened to cross the Sandia goal line.

The defensive squad consisted of the following: Tooter Casper, L. E., Warren Buck, R. E., Bill Gamberale, C., Walt Joseph, linebacker, John Kelly, R. H., Richard Scholtes, L. F., and Frank Duggin and Jerry Oguin alternated in the safety man slot.

On the offensive squad were Jim Clemens, R. E., Jerry Oguin, L. E., John Foster, C., Tony Garcia, Guard, Les Dasso, R. H., Jim Warren, L. H., Frank Duggin, F. B.

The employee team was scheduled to play again on Monday, September 9 when they met the 1099th S. R. S. Tonight they will play the 8454th Army Hosp. at 6:45 p. m. On September 24 the Sandians will meet the 6th A. F. D. S. at 6:45 p. m.

All games are played on the Sandia Base baseball field. Bleachers are set up there for spectators.

Coach Schlahta is still looking for

Sandia Employee All-Stars Defeat City League Champs

An All-Star team from the Sandia Employee's Softball league defeated Schwartzman Packers, the city league champions, 6-5 in a game played at Sandia Base Sept. 3.

Dan Grimm, the All-Stars' pitcher, not only pitched his way to victory but also batted in the winning run when he hit a home run with George Duffield on base.

Members of the All-Star team were: T. Kelly, R. Kelly, F. Daut, H. Cushman, S. DeHaan, L. Callahan, R. Bailey, C. Duffield, R. Statler, R. Sandiford, L. Bashor, L. White, H. Lambert, D. Doleshal, D. Grimm, W. Hoagland, C. Hildebrandt, K. Gillespie, V. Melillo, W. Hunnicutt, H. Conley, W. Freed, and R. Britt.

Managers of the team were Warren Buck, Ray Pierotti and Max Gasta.

Each team in the Sandia Employees Softball League was represented on the All-Star roster.

Softball Players Party Sept. 15

A party for all Sandia Corporation and AEC employees who played on one of the softball teams in the Sandia Employee's Softball League this year will be held at the Coronado Club on Monday, Sept. 15. Price of the party will be \$1 per person. All softball players wishing to attend are asked to get in touch with their managers today to make reservations.

new football talent. Any Corporation or AEC employee who would like to play with the team is asked to contact either Jim Schlahta at 4262 or Dick Heim at ext. 2-9157.

Classified

FOR SALE—

1931 American Austin, \$100. Good shape, extra motor, transmission and clutch included. E. Grady, ext. 26240 or Alb. 2-6888.

1940 Chevrolet Tudor sedan, 4 new tires, new seat covers, excellent condition, has new Stewart-Warner gasoline car heater. Clean inside and out. \$295. W. O. Smith, ext. 32126 or see at 8607 E. Menaul Blvd.

20-inch television set, 1952 model, Brunswick, without cabinet, \$150, Reinholz, ext. 5287.

Easy washing machine, like new, used only a few months. \$125. P. B. Burns, 1319 Dartmouth, NE.

Maytag wringer washer, good condition, \$50. Mr. Firestone, ext. 29223.

Remington Rangemaster Model No. 37 .22 cal. target rifle. As described in "The Shooter's Bible" priced \$136.95 plus extras. My price: \$100. Johnson, ext. 24157 or Alb. 5-9443, 904 La Veta Drive, NE.

Kenmore sewing machine, 2 years old, excellent condition, \$100. Hazel Vance, ext. 21143 after 5 p. m.

Small sofa, makes into bed. Good condition, \$50. B. Bower, 8103 San Juan Rd., NE, Alb. 5-0314.

1947 Harley-Davidson Motorcycle. 74 OHV. Will sacrifice \$275. Can be seen at 303 N. Quincy St. Dain, Alb. 5-3772, ext. 33234.

1950 Pontiac 8-cyl., 2-door, black, deluxe sedan with hydramatic drive, R and H, high compression engine, new tires. Excellent condition, \$1,695. Marks, ext. 24161 or Alb. 6-1174.

Kenmore apartment-size gas range and metal kitchen base cabinet, both 10 months old. Sieberman, Alb. 4-2948 or ext. 22260.

Heathkit Oscilloscope, Model O-5, \$35. Elliott, ext. 21258.

'41 Ford, super deluxe, 4-door, dome pistons, tight body. Pickens, ext. 5136 or Alb. 7-9392.

Used '41 Ford parts. Grille, bumpers, tail-lights, pan, starter, pot, stock heads, Eddiebrock 8.75 to 1 heads, wheel-discs, new plugs, also assorted model aircraft engines. Lenz, 8512 Harrison, NE.

Naval Officer's blue, green and tropical gabardine Khaki uniform, 40-L, 32 waist. \$60 takes all. Also G.E. table-model radio-phonograph, \$20. Rowe, 1805 Dakota, NE, ext. 26253.

'50 Ford, '51 motor, heater, seat covers, spot light, new gen. system, black, low mileage, \$1,395, Syracuse, ext. 29261 or Alb. 5-0627. See at 239 Morningside Dr., NE.

Man's Schwinn English bike, recently overhauled. Excellent condition, has wide handle bars, \$28. Also golf shoes, size 12-AAA. Worn twice. Will sell at half price, \$8. Hook, ext. 22238.

Pair shoe roller skates, 10" tops, Chicago "Velvet Tread," size 8. \$40. Barnes, ext. 33135.

'38 Olds Tudor, '47 engine, good mechanical condition, \$150, Owens, ext. 24161 or Alb. 3-6789.

Portable radio, D C with newly installed batteries. \$10. F. Speakman, ext. 28215.

'41 Chevrolet, 2-door Master Deluxe, R and H, 4 new tires with 500 miles on them.

19 miles per gallon, new paint job, very clean. \$395 or best offer, Park, Alb. 4-2871 or ext. 7152.

Mattress, new innerspring for double bed, will sell at half new price, \$30. D. Matlack, 319 Columbia Dr., SE, Alb. 3-4632 or ext. 3-2232.

Corner duplex lot 401 Vermont, NE, close to base, terms, Rappleey, Alb. 5-8398.

Dachshund puppies, miniature long haired, 3 males left, red. See at 204 Washington, St., NE, Goodrich, Alb. 5-8576.

48 Studebaker Champion Starlight Coupe, excellent condition, \$850, C. R. Marchbanks, Alb. 4-3359.

Sidocar for Cushman Scooter, \$60.00. Claude Baca, Alb. 2-5955.

Hammarlund HQ 129x receiver with speaker, \$125, ARC-5 transmitter, 40 watts on 40 meters with power supply, \$35. Also miscellaneous transformers and parts, Nepple, ext. 6260 or Alb. 5-9341.

'51 Plymouth Belvidere, 4,000 miles, like new, completely equipped, \$2,100. Sutton, Alb. 5-0542 or 6-0625.

Registered Palomino and Chestnut Sorrel, American Saddle Bred Horses, Porter, ext. 23261 or Alb. 4-0738 after 6.

Comet Motor Scooter, good motor, new tires, \$45; also metal baby bed, good condition, \$7.50. Windsor, ext. 28260 or Alb. 2-7036.

OR TRADE— Vacuum cleaner, Singer, like new, right size for trailer or apartment, trade for larger model or good sewing machine. Also Emerson portable radio, combination battery, electric, trade for what-have-you. Burns, 1319 Dartmouth, NE.

WANTED— Good 1-wheel or 2-wheel trailer. Thrane, ext. 6166.

MISCELLANEOUS— FREE— scrap wood and broken boxes will be given away beginning Sept. 15, at the Sandia Corporation Salvage Yard south of the Tech. area.

RIDE WANTED— Vicinity 1200 block South Vassar or Girard, Dorothy Anderson, ext. 31154, corporation hours.

Central and Mesa or Coal and Mesa, to Bldg. T-611. Jane Letcher, ext. 6135 or Alb. 2-6570. Corporation hours.

Desire to join or form car pool from vicinity of 616 Adams, NE (4600 Lomas, NE) to south parking lot. Browning, ext. 28231 or Alb. 6-1650.

1301 S. Princeton, W. C. Nott, ext. 24154.

To form or join car pool from Bel-Air, 2635 Quincy St., NE, N. J. Elliott, ext. 21258.

173 LaVega Drive, SW, to north tech. area gate. Pauline Campbell, ext. 29246.

314 Arno, SE, to vicinity Bldg. 802. Guine Robinson, ext. 5156.

1010 W. Gold to vicinity Bldg. 802. Phyllis Flanders, ext. 5156.

Join or form car pool (7:30-4:30) from vicinity 56th and Vista Grande, West Mesa, R. T. West, ext. 25223.