

SANDIA BULLETIN

Vol. 3, No. 26

SANDIA CORPORATION, ALBUQUERQUE, N. M.

Dec. 21, 1951



THE CHRISTMAS STORY is told by five-year-old Judy Boyes to her pup. Judy, the daughter of Mr. and Mrs. Wally Boyes, had no trouble getting into the Holiday Spirit for this picture which was taken by her Dad who is (you guessed it) a photographer in 2462-1.

Round of Holiday Parties Begins at The Coronado Club

The Coronado Club, gaily bedecked with bowers of evergreen, holly, and even a sprig or two of mistletoe, will be the scene of a round of parties during the coming week.

Square dancers who gather in the ballroom tonight will find the room aglow with the Yuletide spirit and a special Christmas program has been planned. The refreshment table will have a festive air as the indefatigable hosts of the Sandia Square Dancers, Mr. and Mrs. W. E. "Doc" Rehbeck, beckon the enthusiastic couples to a good night snack at the close of the evening.

Tomorrow night's informal dance, to the music of Bob Weiler's orchestra, will be a prelude to the Sunday evening egg nog party for members. The cups will be filled beginning at 5 p.m. and there will be no charge for members.

The restaurant will be closed on Christmas Day in order that employees may spend the day with their families. A delicious New Year's Day dinner will be served, however, from 2 to 8 p.m. The menu appears elsewhere in this issue.

New Year's eve the club will be well filled with revelers gathered to usher in the bright new year, but every effort is being made to assure comfortable seating and adequate dancing space for those with reservations. The available space is all sold out and a few names have been placed on the waiting list. Tickets must be paid for and picked up at the club not later than 6 p.m. Friday, Dec. 28.

Cub Scouts Hosts to St. Anthony Boys

A full day of entertainment for 50 boys from St. Anthony's Orphanage was provided by the Cub Scouts of Sandia Base and their parents Sunday, Dec. 16.

The schedule for the St. Anthony youths included church services in the morning, dinner in an Army mess hall, supper with the Sandia Scout parents, and a Christmas party in the evening.

Heading the parents committee for the event was R. N. Browne, 1216. Others on the committee were Sgt. Thomas Stuller, Cub master, Harry Pastorius, 2422, assistant Cub master, and Don Gere, AEC, treasurer.

Christmas Party For Sandia Kids Sunday, Dec. 23

The annual Sandia Base Christmas party for youngsters will be held this year at the Base Gymnasium, Sunday, Dec. 23, at 6:30 p. m. Planned for all children living on the base and children of military families living off the base, the party will offer a fine evening of fun climaxed by the appearance of Santa Claus.

On the program will be candy and treats and special movies. Christmas Carols will be sung by the young guests and several tableaux will be presented by members of the Junior Junction Club depicting the Christmas story.

Youngsters who come to the party are asked to bring a gift of food which will be placed in baskets to be distributed in Albuquerque Christmas day.

Engineers Hear Of Transmissions

"Automatic Transmissions" was the subject of a talk delivered by Vernon Field, 1243, at a meeting of the American Society of Mechanical Engineers Wednesday night.

The Society met at the University of New Mexico Mechanical Engineering Building.

Air Secretary In Albuquerque; Visits Sandia

T. K. Finletter, Secretary of the Air Force, visited Sandia Corporation recently while making an inspection



Secretary of Air Finletter

tour of government installations in Albuquerque.

Secretary Finletter, his wife and Lt. Gen. Orval R. Cook flew to Albuquerque from Davis-Monthan field in Tucson, Ariz.

Secretary Finletter, a native of Philadelphia, served in the 312th Field Artillery in World War I and left the service with the rank of Captain. He began government service in 1941 as a special assistant to the Secretary of State. Since then he has been with the Office of Foreign Economic Co-ordinator, consultant to the U. S. Delegation at the charter conference of the United Nations at San Francisco, Chairman of the President's Air Policy Commission and Chief of the Economic Co-Operation Administration's mission to the United Kingdom. He was named Secretary of the Air Force April 24, 1950.

Holiday Legerdemain On Magician's Menu

A magic Christmas was celebrated by members of the Albuquerque Magicians Club Wednesday in the Indian Room of the Franciscan Hotel. The party featured performances by master magicians Al Spengeman, 4150; C. N. Hickman, 1400; Jim Dossey, 1264; and Leland Sangster, 1134, president of the club.

Corporation Medical Director Honored For Biological Research Efforts

Dr. F. G. Hirsch, Sandia Corporation Medical Director, has been made a member of Phi Sigma Society, an international honor society of biologists.

The University of New Mexico chapter of the society elected him to membership in recognition of his "valuable contributions to biological research and achievements in the field of biology."

Dr. Hirsch's research has taken him into the field of biophysics and here he has become familiar with electronics. He has studied numerous electronic applications to medicine and biology and has spent more than four years of his navy career conducting research along these lines.

Biology and Ultrasonics

More recently Dr. Hirsch has been studying the biologic effects of ultrasonics and microwaves. While in the navy he established the physical principles, mathematics and fundamental electronics for a device to make red blood cell counts by electrical measurements.

Dr. Hirsch's interest in the electrical sciences started when he was a young boy and his father, an electrical engineer, dabbled in radio. The senior Hirsch schooled his son in the mysteries of electricity and the two of them built a radio transmitter which he describes as "not too powerful, but awesome in appearance." This early exposure to the science of electricity carried his interests into the field of physics which he retained after becoming a physician.

In 1936 he graduated from Cornell University School of Medicine and for two years interned in Toledo, Ohio, and New York City. In 1938 Dr. Hirsch entered the navy as a lieutenant (jg) and spent seven years of the next 12 aboard ship.

Delves into Mysteries

While assigned to a jeep aircraft carrier in the Pacific during the war he saw action in many campaigns. In the intervening months, when the ship was not in combat, he again became a student of electronics and physics with several naval officers as his instructors. It was during these long periods of quiet while he was studying that he realized his desire to delve into the mysteries of biophysics.

In September, 1950, Dr. Hirsch joined the staff of Sandia Corporation. He and his wife and four children live in Albuquerque.

He is a member of the American



Dr. F. G. Hirsch

Medical Ass'n, The American Ass'n for the Advancement of Science, Aero Medical Ass'n, Society of Sigma Xi and several other professional groups. In recent years he has written many papers on subject of electrical effects on the human blood system.

Keep Christmas Safe and Happy For Your Family

"Twas the night before Christmas And all through the house . . ."

This famous poem written in 1822 by Clement Moore for the amusement of children has so typified the Spirit of Christmas that it has become a symbol of holiday happiness for all of us.

This peace and enjoyment should not be marred by tragedy which too often strikes during this season. All that is needed is to plan the holiday season so that it will be a safe season. Without such planning, other beautiful symbols of Christmas—the trees, the toys, the decorations, the gaiety—can bring forth grief and suffering.

The plague of fires which rage through the nation each Christmas can with a little care be prevented. Consider these precautions and keep your Christmas merry.

First the tree—choose a fresh tree and keep it outside until the last possible moment. Recut the butt at an angle and cut vertical grooves through the bark and stand it in water. When you put the tree up keep it in water and be sure it is secure. Check to see that the lights are not near the tinsel or needles and when the needles become brittle throw the tree away.

Watch your tree lights, use only electric light strings in good condition. Burn the lights as little as possible.

Other holiday precautions include use of a good ladder to place decorations. Don't risk a bad tumble. To help make decorations and costumes more nearly fire proof dip them in a solution of 9 oz. borax, 4 oz. boric acid and 1 gal water, then wring them out by hand and let them dry.

Be sure there are plenty of ash trays available and don't smoke near your tree. Remove Christmas wrappings immediately—they burn easily.

Be cautious and careful and have a happy holiday.

A Message From the President

As the year 1951 nears its end it is once again my pleasure and privilege to extend Season's Greetings to all of you.

Christmas, 1951, will be observed by Christians throughout the world—many of whom, behind the Iron Curtain or in foxholes in Korea, will have little but the faith and hope in their hearts to remind them of the traditionally joyous occasion we celebrate on December 25th. Those of us who are fortunate enough to have our loved ones with us at this Yuletide Season, and those who will have a vacant chair at their Christmas table, may well reflect that in the performance of our day-to-day work at Sandia we are doing our part to hasten the day when Christmas once again may be observed as a happy occasion throughout the civilized world, openly, proudly, reverently.

The struggle for survival of the free world places heavy reliance on readiness, and none of us need be reminded that we are engaged in vital work which is the focal point of one of the most important phases of our national defense effort.

In meeting whatever lies ahead of us our chief asset will be the skills, experience and devotion of the men and women who make up the effective team that has been so successful thus far in forging ahead in this important work. That spirit of teamwork, I am sure, will enable us to solve whatever 1952 may bring.

My thanks and congratulations to all of you, and may each of you enjoy a Merry Christmas and a Happy New Year.

George Landry



SANDIA BULLETIN

Friday, December 21, 1951

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

Robert S. Gillespie, Editor

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Telephone Ext. 25253



A Report to Our Readers

Christmas and New Year season is at hand and like everyone else we look forward to the pleasant associations which are found this time of year. Traditionally the Holiday season is a time for fellowship and friendliness, and the tensions of the world today emphasize the importance of that spirit of good will so prevalent at this season.

Christmas season 1951 also marks the first anniversary of the new Sandia Bulletin. It was Dec. 22, 1950, when the Bulletin first appeared as a printed publication. Since that time the paper has gone through a few gradual changes which have brought it to its present-day form.

This has been a full year. Over 5,000 names have appeared in the Bulletin during this time and almost 1,200 people have been identified in more than 780 different photographs.

More than 40 volunteer reporters located throughout the various departments of the Corporation and the AEC offices on the Base have faithfully written for the paper in addition to their regular duties.

Also serving the Bulletin have been members of the Photographic Section and the Technical Art Division who have worked hard to help us meet our deadlines and at the same time have had to maintain their production schedules. Also not to be forgotten are the many other friends of the Bulletin located throughout the Corporation who have in many ways helped us in our search for news of fellow workers.

The year has not been without trials and tribulations. They may mostly be attributed to the fact that available space has not always been sufficient to use all material at hand.

Our readers grow in numbers every week and to this ever increasing group we express our thanks for being an appreciative audience.

And to all of you we extend Season's Greetings.

Mr. One Million to Be Named

Chances are good that by the time you read this the traffic death toll in the United States will have reached one million. Sometime around Dec. 21, the National Safety Council tells us, Mister One Million will be named. War started taking its toll of our citizens with the battle of Lexington back in the Revolutionary War and it was not until the Korean War that the millionth fatality was recorded on the battlefield. That's about 175 years. The first automobile death was in 1899. The millionth died 52 years later.

Even the State of New Mexico, with comparatively few people, has an average of more than one death per day for the past year. This is the poorest record of any state in the country, and an increase of about 100 over last year's ghastly record.

These words are not particularly pleasant at the Holiday Season, but they are important, for many of us are taking to the highways on our holiday week ends. Death is awfully permanent, and the life you save may be your own.

Coronado Club New Year's Dinner

January 1, 1952 — 2 to 8 p.m.

Dinner \$2.50

(Table Service)

Choice of One:

Orange Juice		Pineapple Juice
Avocado Cocktail	Supreme of Fruit Maraschino	Fresh Seafood Cocktail
Marinated Herring	Beef Consomme Celestine	Oysters on Half Shell (35¢ extra)
Coronado Club Relish Tray		Salted Mixed Nuts
	Chiffonade Salad	
Broiled Columbia River Salmon Fleurette		
Roast Prime Rib of Beef Au Jus, Yorkshire Pudding		
Special Roast Long Island Goose, Coronado Club Dressing, Candied Apple		
Broiled Virginia Ham Steak Hawaiian		
Select Young Tom Turkey, Savory Dressing, Cranberry Sauce		
Roast Quarters of Yearling Lamb Cressoniere		
Baked Idaho Potato	Candied Yams	Au Gratin Potatoes
Bussels Sprouts		New Green Beans
	Home Made Hot Dinner Rolls	
Hot Mince Pie, Brandy Sauce		Plum Pudding, Hard Sauce
Ice Cream	Jello	Sherbet
	Pumpkin Pie, Whipped Cream	
Coffee	Tea	Milk
		Buttermilk
	Special Children's Dinner, Choice of Above Items \$1.25	

AROUND THE DEPARTMENTS

A large migration of 3230-ites was reported in Juarez the week end of Dec. 8. Even the snow-covered roads were unable to keep them away.

F. P. Fay, 3230, spent a week of leisure in California not too long ago. The Fays and the E. C. Deuschles collaborated on the vacation and had a wonderful time. Mr. Deuschle's organization is 4310.

Margaret Sylvanus's boxer, "her pride and joy," is 10 months old, not 10 years old as the Bulletin stated Dec. 7.

Mr. and Mrs. Frank Longyear were honored at a party Friday evening, Dec. 7, given by the supervisors of 2230 at the home of Robert Findlay, 2230, and his wife. Ethel Abeyta and Mary Helen Sharkey assisted. Mr. Longyear has transferred from 2200 to 2100. The Findlays entertained again Saturday, Dec. 8, with a night on the town, including dinner and dancing, for Mary Helen, 2230, her husband, M/Sgt. John Sharkey, William A. Otero, 2236, and Mrs. Otero. Mary Helen and Bill were celebrating their "longevity of service" at Sandia.

Mary Z. Richardson and her husband will spend the week end of Dec. 22 in Lubbock, Tex.

A. B. Metzger, 3170, and his wife are vacationing in Baltimore, Md.

Jean McGinn and Margaret Ramirez, both 2333-3, were hostesses at a stork shower given for Jean Winter, formerly 2333, Dec. 13.

Personnel in 2124 extend their best wishes for a rapid recovery to J. V. Hunt who has been ill at home for some time.

Two members of 2417 have new additions to their families. William W. Peters and his wife are the parents of a son born Dec. 7. Mr. and Mrs. Benny Gallegos have a boy, born Dec. 6. Congratulations!

Dave Gomez, 2462-2, and his wife are anxiously awaiting the construction of their future home at 724 S. Indiana.

Howie Smyth, Jr., 2464-2, is spending his two weeks' vacation at home on the Base.

Santa Claus visited Coy E. Plunkett, 2417, early this year. Santa left a baby monkey.

Wilma Bird, 2464-2, is vacationing with her sister in Enid, Okla., during the holidays.

Mildred Barker, 4152, left for Milwaukee, Wisc., Dec. 14 to spend the holidays with her family.

Department 4150 had a Christmas party at the Franciscan Hotel Dec. 15 and everyone enjoyed a turkey dinner and community singing and Santa Claus' visit. Betty Rosendale did several very good imitations of movie stars. George Horne entertained the guests with his rendition of "The Bassoon" and several other numbers. Al Spengeman and Fred Comstock mystified everyone present with their feats of magic. The final number brought the house down and for further details members of the department request that you see them.

John Dempsey, 4151, is back at work after a long illness. Welcome.

Mildred Hinde, 4151, is going to her home in Marlow, Okla., for Christmas. She will also visit in Texas as part of her vacation.

Aileen Moore, 4153, left Dec. 19 to spend her vacation and Christmas holidays in Kentucky.

Mr. and Mrs. Eugene Medina are the parents of a daughter born Dec. 13. Gene is in 2242. Congratulations!

Robert J. Dill, 2242, will spend Christmas week on the West coast.

Spending her vacation in Albuquerque during the Christmas holiday is Edna Fowler, AEC.

Valerie Gault, AEC, leaves today to visit her family in Wisconsin.

Sue Scott, AEC, her husband Joe, son Eddie, and dog Nippy, are visiting Sue's parents in Bessemer, Pa., over the holidays.

Guy Woodruff was welcomed back to 1222 recently after recovering from a leg operation.

Eileen Breslin's husband, Bob, is back from the Navy where he saw service in Korean waters. He is awaiting discharge. Eileen is in 1221.

Dept. 1220, and representatives of the Naval Air Detachment at Kirtland Field joined in giving a farewell buffet party for Lt. Com. Al Bureau, military representative for 1220, Dec. 6 at the Officer's Club. Lt. Com. Bureau is leaving for duty on the West coast.

William "Bill" Stamm, 2443, a skier for 12 years and a past president of the Albuquerque Ski Club, took his first venture on the snow this season recently but found the snow too deep and too soft. Bill didn't come out of a turn at La Madera the week end of Dec. 8 — now he's on crutches with a sprained ankle. However, he will be at the sport again as soon as he can get a ski boot on — in about a week. Edith Perry, 2464-1, had a similar disaster that week end on La Madera snow and is now nursing a sprained ankle.

AEC supply employees turned youngster at their annual Christmas party Dec. 15 and masqueraded as kids. The event was held at Dora Jo Courtney's home. Instead of exchanging gifts, supply personnel donated money for a Christmas basket to be given to a needy family. AEC personnel security held a rollicking Christmas party Dec. 16 at the Coronado Club.

Mr. and Mrs. Frank P. Means left Dec. 13 to spend the Christmas holiday in Arizona. Frank is in AEC.

Sybil Milligan, AEC, plans to leave today to visit her mother, her sister and her sister's family in Delta, Colo.

Margaret Mercier, 2531, has returned from a two weeks' vacation in Michigan and Illinois. Margaret visited relatives in Ann Arbor and saw a University of Michigan football game. She also visited Chicago.

A son was born to Max Steele, 1950, and his wife, Marlyn, on Dec. 11. They've named him Casey Ray. He weighed 5 pounds, 6 ounces. Congratulations!

A buffet dinner, music and dancing to Hank Chinisci's band highlighted a Christmas party for Department 1950 recently. Guests of honor were Mr. and Mrs. Corry McDonald, 1210, and Mr. and Mrs. Hank Willis, 4214.

It's back to Toledo, O., during the Christmas holidays for George Martin, 1951.

Marshall Kron, 1951, is returning to New Jersey for Christmas.

Jim Clemons, 1951, will spend the holidays in Detroit, Mich.

Christmas, for Bob Evans, 1951, will be spent in Columbus, O.

Divisions 4135 and 4133 are having their holiday party at the Coronado Club Dec. 28.

Bertha Arguelles is planning a Christmas at home, South of the Border, in Chihuahua, Mexico. She is in 4135.

Mildred Knight, 4133, is off to West Virginia for a Christmas vacation at home.

Division 4131 welcomes Fred Mitchell who is transferring in from 4230.

Sid (Betty) Bodley, 4131, is another transfer to 4130. She comes to us from 4222.

Mr. and Mrs. Ted Monahan are visiting relatives in Pittsburgh, Kas., during the holidays. Ted works in 2234.

Clark D. Read, 2234, will be entertaining his sister, Mrs. John Colby of Chicago, during the holiday season.

E. J. Whitmore, 2235, and his wife recently visited Nevada and during their week's stay saw the Grand Canyon, Hoover Dam, and the Petrified Forest.

Roland Spilker, 2510, and his family have gone to Oklahoma to spend a two-week vacation during the holidays.

Billie and Brooks Braffett will spend their Christmas vacation visiting relatives in Clinton, Okla. Billie is in 2510 and Brooks is in 2242.

Two members of 4311, J. B. Boulais and Francis X. Vogel, are taking their Christmas vacations. J. B. left the 19th for a two-week holiday and Francis will leave the 24th for a week.

Georgia Howard was hostess to the 4135 girls at a pre-Christmas party in her home recently.

Edna Harper is back at work in 4135 after her visit from the Stork. It was a boy.

Division 4135 wishes to welcome Marcial Valdez who has transferred from 2460.

Ginny Williams, 1713, has just become the proud possessor of a brand new 1951 blue Packard deluxe four-door touring sedan.

Contrary to earlier reports, it was Art Machen's left wrist that he broke while cranking a tractor on his ranch in Alameda. Art, who is 1710 department manager, is recuperating nicely and only missed one day of work, but will have to keep his arm in a cast for quite a while.

Kay Tessier has joined 2520 as department secretary.

Walter Rosenburg, 2522, will take possession of a new home in the spring. His spare time will henceforth be scheduled to the last minute so as to get a maximum of time at his new place.

Organization 2562 celebrated the holiday season with a Christmas buffet and dancing party at the Coronado Club Dec. 16.

Irene Brian, 2461-2, and her two sons will welcome home Irene's husband, Dick, on Dec. 24. Dick will have a 10-day leave from Ft. Benjamin Harrison, Ind.

Sue, formerly 1621, and Oscar Fligner, 1300, are the parents of a daughter born Saturday, Dec. 8. Congratulations!

Phyllis and Walt Perkowski moved into their new home in Hoffmantown last week. Phyllis is in 2100 and Walt is in 2124.



SENATOR HOMER FERGUSON of Michigan, far right, is introduced to Daniel F. Worth, AEC Manager of Sandia Field Office, by George A. Landry, President of Sandia Corp. Senator Ferguson visited Sandia Base recently while enroute to Korea. On the left are Gilbert C. Hoover, AEC Assistant Field Manager of Sandia Field Office, and Fred Schmidt, Sandia Corp. Vice President and Operating Manager.

Sandians In CAP Man Units To Be Used If Disaster Strikes in State

In celebration of the founding of the Civil Air Patrol six days before Pearl Harbor, this week has been designated National Civil Air Patrol Week. This has a special significance for many Sandians who are members of the New Mexico CAP organization.

These Corporation employees help train youngsters from the Albuquerque area as cadets. In addition, they form rescue, reconnaissance, radiological and communications teams as part of the Mobile Support Units and attend classes on atomic, chemical, and bacteriological warfare defense.

The New Mexico CAP Wing contains a Group and about 15 Squadrons. Three of these squadrons are centered in Albuquerque. Squadron A is commanded by Capt. Jack Fullerton, 2321, who has the responsibility of training youngsters aged 15 to 18 in basic air military science.

Give Emergency Help

Squadron B, headed by Capt. Art Perry, 2462-3, handles pilot and ground rescue while Sandia Squadron, under Capt. John M. Lohse, 1121, performs air search and rescue.

The Mobile Support Unit, commanded by Art Perry, works with the Air Force on search and rescue missions. They own and operate an electric power van, a radio truck, two radio equipped jeeps, a personnel carrier and two liaison planes in addition to cars and planes owned by members.

In case of emergency the entire

New Mexico Wing can be called into action by the State Director of Civil Defense. To prepare for any possible emergency the CAP components hold regular meetings. Wing headquarters meets weekly at Kirtland Air Force Base, Group I meets monthly at Cutter-Carr airport, Squadron A convenes at the Organized Reserve Armory, 400 N. Wyoming, each Monday, Squadron B meets at Cutter-Carr each Tuesday, and Sandia Squadron meets each Tuesday at New Mexico Aeromotive.

Sandia Personnel

Sandians who are local CAP members include:

Lt. Charles Dodson, 4221, Wing special events officer; Warrant Officer, Sally Langenstein, 2464-1, assistant public information officer; Bruce Edwards, 2452, pilot; Ted Veroz, 2452; John Etheridge, 2452; Warrant Officer Robert Borah, AEC, training officer; Mary Lohse, Sandia Squadron adjutant; Capt. Edgar Thompson, 1293, communications officer and pilot; Lt. Merrill T. Muzzey, 3124-1, pilot and Group training officer; Warrant Officer Leland Sangster, 1134, radiological officer; June Sangster, registered nurse; Warrant Officer Peter J. McKenna, 2462-3, assistant training officer; Warrant Officer Robert Holmes, 2462-1, supply officer; Capt. Ed Bales, 2112-4, Group communications officer; Dalton Savage, 2242-3, R. L. Brooks, 2334, and John Braffett, 2242, communication officers.

PROMOTIONS

LLOYD D. O'NEAL has been promoted to division supervisor of 1915.



Before joining us in 1949 Lloyd was factory training director and assistant labor relations manager for the Gates Rubber Co. in Denver where he worked for two and a half years. Lloyd was also a training director for four years with the War Department. He studied personnel management and business administration at Centenary College, Shreveport, La., Denver University and the University of Colorado. He is married and has a 3-year-old daughter.

FRED E. MITCHELL has been promoted to section supervisor of 4131-3.



He started work at Sandia last March after working four years in accounting with a manufacturing concern in Akron, O. Fred also has eight and a half years experience with the Sun Rubber Co., Barberton, O., where he worked up to the position of director of budgets. Fred studied business administration at the Barberton School of Commerce. He is a veteran of 18 months in the Navy. Fred is married and has four children.

JAMES H. LINDELL was recently appointed supervisor of Section 1542-2.



He started work here at Sandia Laboratory in 1948. Jim came to us from the University of Minnesota soon after he graduated with a Bachelor of Science degree in mechanical engineering. He spent two years with the Army during World War II, serving in England, France, Holland, Belgium and Germany. A native of Duluth, Minn., Jim is living in Albuquerque at present. He is single.

MARTIN GROTHE is the new supervisor of Division 4151. He came to Sandia in 1948 with 16 years experience in the banking business.



Eight years were spent with the Wisconsin State Banking Commission as chief clerk and the other eight years were spent in the commercial banking field in Milwaukee, Wis. Martin is a veteran of three and a half years service with the Army Air Corps during World War II. Prior to joining us he graduated from the University of New Mexico with a B. A. in economics. He is married and has three children.

MARION "TUCK" TUCKER is the newly appointed supervisor of Section 4153-1.



He came to Sandia in 1948 after a year as manager of a hardware firm in Perryton, Tex. Prior to that Tuck served three years in the paratroops. From 1936 to 1943 he worked for a wholesale grocery firm. When he went into the service he was assistant manager of the Albuquerque branch of the company. Tuck has studied business administration at Hardin-Simmons University, Abilene, Tex., and the University of New Mexico. He is married and has two children.

M. FRENCH STEWART has been named section supervisor of 1931-1.



Before joining us last year he worked for two and a half years as service representative with fleet sales for Lustron Corp. Previously he spent five years with Curtis Wright as staff assistant to the superintendent of production control and two and a half years with a Columbus, O., manufacturing firm in production expediting. He attended Ohio State University. Married, he has two children, a boy, 13, and a girl, 10. The Stewarts live in Albuquerque.

GEORGE D. HORNE, SR., was recently appointed division supervisor of 4153.



He came to the Corporation in April, 1950, on a special leave of absence from the Western Electric Company. George has 30 years experience with Western at the Hawthorne plant in Chicago. His particular field has been plant accounting. Born and educated in England, George served in the British army for four years and the British Civil Service for two years, prior to coming to America. He is married and has three children. His son, Dennis, works here in 4310.

HARRY C. U'REN has been promoted to section supervisor of 4153-2.



He was cost accountant for the Armour Co. chemical division, Chicago, for a year before joining us in August 1950. He also worked as an auditor for the Western Electric Company for three years in Chicago. Harry spent three years with the Denver Tramway company and two years as district circulation manager of the Denver Post. He served four years in the Navy. Harry has a B. A. in business administration from the University of Denver and he studied for his master's degree at the University of Chicago. He is married and has one child.

FRED G. COMSTOCK is the newly appointed supervisor of Section 4152-3.



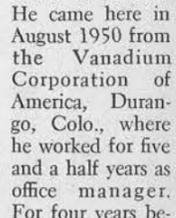
He was an instructor in accounting at the University of New Mexico for two years prior to joining us last May. A certified public accountant, Fred worked for two years in public accounting in Denver before going to the University. In addition, he worked for three years with a Denver mining supply firm as an accountant. Fred is a veteran of four years service in the Navy. He is living in Albuquerque with his wife and his two sons.

HAROLD V. CATT has been named division supervisor of 4311.



Before coming here last February he was with a public accounting firm in Decatur, Ill., for three years. Harold has been a certified public accountant since 1947. He has four years experience in auditing for the State of Illinois. He was regional head of the auditing division of the Division of Unemployment Compensation in Illinois. Harold is a veteran of five years Army service. He has a B. S. in accounting from the University of Illinois and he did post graduate work in accounting, law, and banking at the American University, Washington, D. C.

JAMES E. FESLER has been promoted to section supervisor of 4151-3.



He came here in August 1950 from the Vanadium Corporation of America, Durango, Colo., where he worked for five and a half years as office manager. For four years before that Jim was with Union Carbide at Grand Junction, Calif. He acted as liaison between Manhattan District Army Engineers and Union Carbide. Jim graduated from Mesa Junior College, Grand Junction, with an Associate of Arts. He is married and has a 6-year-old daughter.

VERNON HENNING is the new supervisor of Section 3152-2.



He started work at Sandia last December after almost a year with a local electric company. Vern's hometown is St. Louis where he worked as appliance sales supervisor for an auto supply firm a year prior to coming to Albuquerque. He was in the Army for four years reaching the rank of captain. Vern studied law at Washington University in St. Louis, and also attended St. Johns Junior College in Winfield, Kans. He is married and has two sons, one 3 years old and the other 2 months old.

New Employees

We extend a welcome to the following new employees who joined Sandia Corporation between Dec. 3 and Dec. 14.

- Arthur E. Randall1521
- Sol A. Cohen1521
- Jean W. Freymuth1533
- Arnold B. Draper1540
- Robert W. Mottern1541
- James F. Denson1543
- Daniel Parsons1622
- Clifford J. Fisk1623
- Edward E. Wood1630
- Harold N. Hodges1716
- Vera Belle Reed1951
- Frank L. Benschoter1952
- Arthur Troun1953
- Hubert R. Sheppard1954
- Ervin F. Armbrust2121
- Allen C. Casper2122
- Mark Newby2122
- Robert L. Meed2122
- Granville S. Spaulding2123
- Lawrence W. Hall2123
- Donald R. Atkinson2123
- Ervin T. Bureta2123
- William A. Boyd2124
- Forest A. Davis2124
- Ernest L. Manning2124
- Edith B. Blum2141
- Mary A. Koppes2221
- Luella Stamm2225
- Angie E. Rivera2230
- Roy R. Williams2231
- Doomas T. Easton2232
- Jack R. Watkins2232
- Frank M. Whiteman2241
- J. W. Windsor2334
- Orlando Sanchez2351
- John R. Sapp2351
- Arthur D. Bacon2351
- Clarence L. Lucero2351
- Jack W. LaBrier2352
- Carl L. Michael2352
- Frank Lesperance2413
- Victorino Lopez, Jr.2415
- Herman Romero2423
- August C. Boehme2423
- Boleslo P. Bonavidez2442
- Roy N. Smith2452
- George Roberts2461
- Dora Zamora2461
- Katie A. Baca2472
- Margaret N. Hansen2472
- Fred W. Stewart2483
- Robert T. Mobley2533
- Leo J. Reynolds2533
- Andrew Blain2534
- Mary L. Reynolds2534
- George T. Chapman2534
- Helen F. Hallidow3122
- Donald A. Belmore3125
- Ann S. Leeder3152
- Mollie C. Nason3152
- Kenneth A. Smith3153
- Grace G. Nicks3153
- Virginia B. Chavez3222
- Edward A. Gorey4135
- Edna O. Harper4135
- Geraldine B. Hull4135
- Esther G. Maya4135
- Loula Mae Dowd4135
- Barbara L. Schray4222

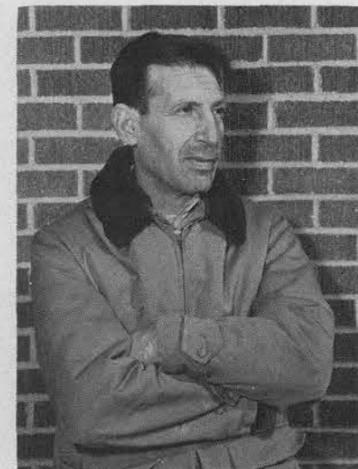
Marriages, Engagements

Vieneta P. Liebert, 3153, and Cpl. Gerald McCoy of Kirtland Field are to be married today at the home of Vieneta's parents in Albuquerque. A reception will be held at the home following the ceremony. Vieneta and Gerald plan to spend a two week's wedding trip in Kansas.

Sam Johnson, 2232, and Jo Brown were married here Dec. 5. Jo, a native of Texas, is now employed in Albuquerque. Sam is a graduate of the University of New Mexico.

Congratulations to Pat Lerma, 2235, who is a recent bridegroom. He and his wife, the former Frances Villanueva, are living at 917 South Williams, following their honeymoon in Phoenix.

What's My Line?



What Is This Man's Job With Sandia Corporation?

He works with hand tools and power tools. He's on his feet most of the time. Exact measurements are necessary to his job and some of his work is guided by a blueprint. His ancient and honored trade is now taught in many schools, but in other times it was handed down from father to son. Some of his work is creative, even artistic. At sea a man of his trade is called Chips and that word is the first syllable in the name of the genius whose creations in this field have made him immortal. For the answer see page 4.

ARTHUR W. PORTER was recently named supervisor of Section 2141-2.

He joined Sandia in 1948 after graduating from the University of New Mexico with a Bachelor of Business Administration degree. Art enrolled at the University after three and a half years with the Army Air Corps. He also studied accounting at New Haven College, Conn., and at the same time worked for a New Haven rubber firm for four years. Mr. and Mrs. Porter are living in Albuquerque.





CLASS IS IN SESSION as instructor John Pupelis, 1951, right foreground, goes over the day's assignments with the drafting school. This course was set up to supply the pressing need for draftsmen in the Corporation. First row, L to R: Lawrence McFadden, Jr., and William Moulds. Second row: Robert Evans, Phillip Park, Bettie Brockman, Ed Roth, Roy Wedell, Jr., Jim Clemons, Dick O'Boyle, Jerald Cosper, and Robert Shook. Third row: Roger Garretson, Paul Suttman, David Berry, Eugene Lopp, and Merrill Merry.

Finishing School for Draftsmen Proves Successful

Every day, without knowing it, many of us walk right past a school house run by Sandia Corporation.

It's in building T-832 just outside the north tech area fence and if you were to eavesdrop you might hear a long lecture on placing and locating dimensions—or if you were to peek in the window you might see a room full of intent figures bent over big, flat boards making strange symbols on sheets of thick paper.

Big Problem

It all started in July last year when Tom Robertson ran into a problem of major proportions. Tom was then heading the drafting division, 1251, and he was badly in need of detail draftsmen. To his dismay he discovered that they were in extremely scarce supply throughout the country.

After many worried conferences with Corry McDonald, then drafting and standards department manager, and Dan McCarthy, head of the men's employment section, 3152-1, they came to a decision. If they couldn't get trained draftsmen then they would have to do the training themselves.

The next step led them to Albuquerque High School where they spoke to the guidance director, the drafting instructor and finally the entire graduating class. Sandia Corporation, they explained, was in the market for young men and women to train and employ as draftsmen.

School Opens

Twenty high school graduates applied and 14 were accepted. All that remained was to set up the school and start classes. Birchard M. Brush, 1951, was selected to teach the class and building T-832 was equipped with a blackboard and all the needed drafting equipment. The course lasted three months and at the end of that time 12 of the students were qualified as draftsmen.

As time went on, however, the requirements increased at Sandia and last September the drafting

division again found itself short-handed. About 15 detail draftsmen were needed. The employment and personnel department went to work and by contacting the New Mexico State Employment office and placing advertisements in the local papers, arranged for a meeting of applicants. Twenty were accepted and the second semester of the "University of Sandia" opened late in September.

Before the school was well under way a reorganization changed the drafting division from 1251 to 1951 and Tom Robertson was promoted to department manager of 1950 with Fred Eichert, Jr., taking over 1951. At about the same time Birchard Brush, who had again been chosen as instructor, became ill and John Pupelis, 1951, took his place.

He Taught Before

John has had teaching experience before. He taught blueprint reading and was assistant drafting instructor at Spokane Air Force Depot, Wash., for a year and a half. He joined the Corporation last March after working for almost three years as a civilian for the Army Corp of Engineers here at Sandia Base. He studied architecture at the University of New Mexico.

As John explains it, the course starts with lettering practice and moves on to instruction in correlating views, placing and locating dimensions, note placement, and a general knowledge of Sandia shop work taught by tours through the Corporation. John also teaches assembly drawings from details, some mathematics, instruction in symbols, schematics, wiring diagrams and cable drawings and through it all

he gives a solid grounding in the methods used at Sandia.

16 Out of 20

Out of the original 20 in the course there are now 16 left. Six of these have moved from classes to actual work for the Corporation. The other 10 will probably follow them when the course ends in a week or so.

The six who are already at work here are: Jerald Cosper, Edward Roth, Paul Suttman, Bill Moulds, Jim Clemons, and Robert Shook. They are all working now in 1951.

The 10 who are still attending daily classes are: Bettie Brockman, the only girl who took the course; Robert Evans, Dick O'Boyle, Roger Garretson, David Berry, Lawrence McFadden, Roy Wedell, Eugene Lopp, Merrill Merry, and Phillip Park.

It will be a great day, they all agree, when they graduate from "Sandia University" and step right into jobs for Sandia Corporation.

Christmas Season Greeted by 300 at 2200 Party Dec. 6

About 300 persons attended the 2200 organization Christmas party held Dec. 6 at the Coronado Club.

A buffet barbeque dinner was served and Max Apodaca and his orchestra played for dancing. Mr. and Mrs. Frank Longyear were guests of honor.

George Goldsworthy, 2240, and Norma Dunning, 2220, were awarded prizes for selling the most tickets to the dance and door prizes were given.

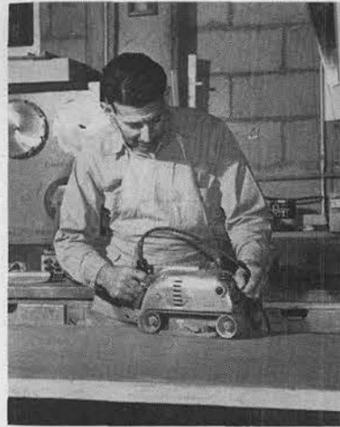
Mary Frances Jamison, 2222, Texas Maupin, 2244, and Phyllis Harris, 2223, were in charge of the event.

Byron Murphey to Talk to Engineers

The featured speaker at the Jan. 7 meeting of the Instrument Society of America will be Byron Murphey, 1111, who will talk on "Instrumentation for Measurement of Shock Pressure and Structural Response."

The meeting will be preceded by an executive committee dinner at the Coronado Club, 6:30 p.m. The talk will be held at the University of New Mexico, 8 p.m.

What's My Line?



Rosando Lesperance Is a Cabinet Maker

Rosando has followed the tradition of Chippendale for 35 years and he is handing it down to his four sons. For the Corporation he makes and repairs tables, cabinets, bulletin boards, picture frames, special boxes, benches and many other things. In addition, he sharpens the big saws and maintains the power tools in 2412-1. At home he has a complete workshop run by two of his sons. Another son, Larry, is a painter and glazier here in 2412-2. He has yet another son, aged 10, and two daughters, 26 and 20 years old. He has five grandchildren. Rosando joined us in 1949 after running his own cabinet shop in Las Vegas, N. M., for six years. He specialized in Spanish colonial furniture. The shop his two sons run now specializes in doors and sashes. But that's not all. Rosando owns a saw mill near Las Vegas that's operated by his brother.

SALTON SEA NEWS

Fred Hawks and Claude O'Sheill, both seaman first class with the Navy contingent here, are being transferred to Washington where they will be assigned to an aircraft carrier. Best wishes go with these two men from employees of Sandia and Fred B. Phopphet Co. at Salton Sea.

M. O. Riley, machinist third class, who is also with the Navy here, is taking a Christmas leave to visit his family in Fort Worth. Riley has been at Salton Sea since September 1950 without a leave. Riley has a son and daughter at home who will be happy to greet him.

Joe Dirnberger has been recognized as "the shadow" who has been walking around the fire department. He seems to have found the secret of success in dieting.

Mrs. Gabriel Quinones, wife of Gabe Quinones, 2481-1, has returned to Albuquerque after an extended visit with her husband here at Salton Sea. Gabe is returning to Albuquerque Dec. 21 having completed one year on the security force at Salton Sea.

John Romero also returns to Albuquerque Dec. 21 after completing a year with the security force here.

Good luck and season's greetings to Mr. and Mrs. Joe Omlin, 2482-2. They're going by train to New Orleans to visit their son, Donald, and his family. Donald is on duty with the Coast Guard there.

Toastmistress Club Meeting Dec. 28

The Turquoise Toastmistress Club of Sandia Base will have a regular dinner meeting Dec. 26 at the Coronado Club.

The toastmistress for the evening will be Mrs. D. B. McCarthy. Mrs. Curtis Biggs will be topic mistress and speakers are to be Mrs. Nate Wineberg, Mrs. C. L. Lindquist, and Mrs. L. H. Stratford.



THANKSGIVING at Salton Sea Base was also a day to entertain friends in the home. Gathered before dinner at Ted Sprink's home are Thelma Merrill, Art Merrill, Mitchell Sparks, Ted Sprink, Abbie Omlin, and Gladys Keller. Dorothy Sprink, John Keller and Frances Voorhies were present but not in the picture.



THANKSGIVING DINNER AT SALTON SEA found Ted Sprink, Department Manager of 2480, inspecting a persimmon from the fruit-filled centerpiece of a well-laden table. Around the table from Ted's left are Jeanette Young, Gabriel Quinones, Robert Scharrer, Dorothy Sprink, Abbie Omlin, Gladys Keller, John Keller and Frances Voorhies



SOME OF THE LODGE PERSONNEL responsible for the fine Thanksgiving dinner are shown here. These folks prepared the food and made preparations for the festive meal. They are, L to R, Bob Mundt, Rose Lee, Frank Erganian, Mary Smith, Gabriel Kramer, Jeanette Young and Jasper Flaten.

Carroll McCampbell hunted for oil in Egypt and soon found himself deeply involved in the mysteries of the Middle East. A riot, a bahksheesh artist and a tribal chieftain convinced him that

Desert Exploration Involves More than Exploring

The riots began in 1948. Mobs raged through the streets of Cairo breaking shop windows, defying police. Carroll McCampbell wasn't sure what it was all about. He was fresh in from a desert camp and as he stood in the narrow doorway watching the screaming crowd surge past, it seemed a harmless thing to raise his camera and snap pictures.

Arabs in Pursuit

The effect was instantaneous. Three men wheeled from the tide of shrieking Egyptians and started running toward him. Startled, Carroll turned and fled. Feet pounding behind him, more than three now, Carroll raced down the winding street toward oil company headquarters.

He ducked under an archway, leaped up a flight of stairs and through the heavy office door, slammed it behind him, bolted it and leaned against the wall panting while fists began to shake the door. Finally the banging stopped, the men outside went away and Carroll relaxed.

He had inadvertently walked into a tense situation. The Palestine war was still unsettled and feeling was running high. By taking those pictures he had happened to do the wrong thing in the wrong place at the wrong time.

Records Blasts

Carroll had been in Egypt for a year before the outbreaks started. He arrived in Cairo in 1947 as part of an oil exploration team sent by Standard Oil. Carroll's job was operating a seismograph truck. His equipment recorded sound waves resulting from buried dynamite blasts. These waves revealed the earth strata under the desert and showed potential oil domes.

A month after arriving in Egypt Carroll was second in command of a motorized caravan headed across the desert for a camp on the Sinai Peninsula, beside the Gulf of Suez.



Carroll in Egypt

There 20 Americans and about 50 Arabs began exploring for oil. They were hundreds of miles from civilization in a vast wasteland utterly devoid of water or vegetation. Everything needed to support life had to be hauled in by truck. Despite their remoteness, government officials soon entered the camp and confiscated Carroll's amateur radio equipment. He had been talking to fellow hams in America, but the officials accused him of talking to Israel.

They stayed at this camp into 1948 with a week's vacation in Cairo each month. It was on one of these trips that Carroll encountered the rioters. When the oil possibilities there had been charted the outfit changed location. This time they moved to a

point midway between Alexandria and Cairo on an ancient caravan route.

Sheik Threatens Explorers

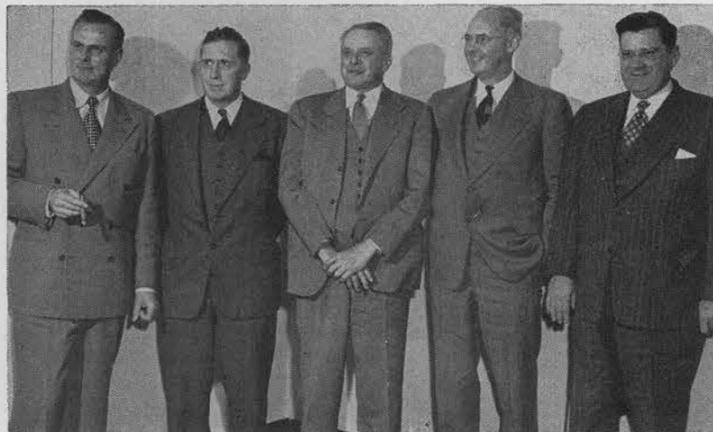
Here they ran into an exotic variation of the old protection racket. One day they received a visit from the tribal sheik (pronounced shake) who ruled the surrounding area. He was a huge, bearded Arab clad in dirty but brilliantly colored robes. Politely he informed the party chief that for certain cash gifts he and his tribesmen would protect the camp from thieves and marauders.

This was obviously a "shake-down" because the sheik's men were the only inhabitants in the entire area. His offer was turned down and almost immediately everything from dynamite to pots and pans began disappearing from the campsite. Finally the Americans had to give in and from then on, as long as the payments were made, there were no more thefts.

Carroll recalls with amusement the crafty sheik's system of matrimonial management. He had three wives. One herded his camels, one herded his goats and the other stayed at home. He would rotate them at pre-determined intervals.

Finally after six months at this site the home office in America became worried over the international situation and ordered the group back to the States.

Soon after he returned Carroll married and came to work for Sandia Corporation.



BELL LABORATORIES OFFICIALS who were at Sandia Corporation recently are pictured here following a meeting with members of the Sandia staff. L to R: G. N. Thayer, Director of Transmission Development (2000); E. I. Green, Director of Transmission Apparatus Development (2100); J. R. Wilson, Director of Electronics Apparatus Development (2900); J. O. McNally, Electronics Apparatus Development Engineer (2910); J. R. Townsend, Materials Engineer (1200).

Joe Mestas Became A Linguist While Working as Miner

Joe Mestas, a soft-spoken, likeable and friendly gentleman who works in 2415, lives with the theory that "a man is never too old to learn." He has carried out this belief by learning to speak four foreign languages and mastering several trades. He also believes that every man is a teacher and often helps others learn the foreign tongues he knows: Polish, Greek, Italian and Spanish.

Back in 1904 Joe started his way in the world as a coal miner near Trinidad, Colo. He was 13 years old at the time. His father had been a coal miner too. He started work when he was 7. His father's father had also been a miner.

Chinese too Tough

The coal mine taught Joe many things, he says. He learned hard work, how to get along with men, and it was there he started learning the languages. Through his associates in the mine, many of whom came to this country from Europe the early part of the century, Joe picked up his linguistic ability. He also tried to learn Chinese, but found it quite an undertaking. He says he "just couldn't catch on."

In 1914 Joe met and married a New Mexico girl, Adeline Espinoza. They will celebrate their 37th wedding anniversary next Monday. They have one son, a 23-year-old veteran of World War II, who lives in Salt Lake City.

In 1937 Joe left the coal mines and he and his wife moved from Trinidad, a town which Joe says was a glorious place to live back



Joe Mestas

in those days, and came to Albuquerque.

Top Egg Candler

When he says a person is never too old to learn he points to his own past experiences. He has worked in building maintenance 12 years, he was a foreman in a poultry plant and had the reputation of being the best egg candler in the business. He has been a cook and even his wife liked his food. He worked in a shipyard during the war and after that was employed in a dairy products plant.

Joe still studies his languages. He and Jim Galbreath, 3153, visit in Italian, and he has several Spanish "students" who are working here. One of his former students has moved to Chihuahua, Mexico, and reports that Joe's lessons are a great help.

Joe is a youthful appearing man and let us in on his secret. He says he "never worries."

Sympathy

James B. LaGrazie, 1633, died Sunday, Dec. 9, at his home in Albuquerque. He had been working for Sandia Corporation since September, 1951, but previously had been employed by a Sandia Contractor and participated in Operation Greenhouse in the Pacific. He was a veteran of Army service in World War II. Mrs. Paul LeGrazie, his mother, lives at 51 Park Place, Harrison, N. Y. The coroner gave the cause of his death as asphyxiation.

Arthur E. Becker, Sr., 2123, died Friday, Dec. 14, following a prolonged illness. Mr. Becker was 53 years old and had been employed at Sandia since January, 1947. At time of his death he was a model and instrument maker. A native of Albuquerque, he attended the University of New Mexico and was in the Army during World War I. He is survived by his wife, Mae H. Becker, and four sons, all of whom work for Sandia Corporation: Arthur E., Jr., 2121; Charles L., 2124; Robert D., 2123; and James B., 2242.

Care of Hand Tools And Income Record Booklets Scheduled

Two booklets you won't want to miss will be in racks throughout the area next week and the week after.

The "ABC's of Hand Tools" will make a suitable enclosure for the tool set he will receive on Christmas morning. Even the seasoned craftsman will find some handy tips on how to use and care for hand tools.

Next week's selection is tailor-made for resolution-minded employee who wants to keep track of his income and outgo. The "Income and Expense Record" is a neat, well organized budget book that will help you plan ahead and provide a permanent record of just how your money was spent. Figuring next year's income tax return will be a lot simpler for the employee who faithfully enters major items of expense.

The booklet also has space to enter your investments and savings, your insurance policies, and other assets.

Entering Service



Ernest E. Abeyta, formerly of 2231-4, recently took military leave from Sandia to enter the Army. Ernie has been with us since last December. He came here from Tucumcari after finishing high school. This was his first full time job.



Navy reservist Billy L. Herndon has been called back into service. He was a messenger in 2461. This was also Billy's first full time job. He joined us last March not long after graduating from Albuquerque high school.



A veteran of two years service in the Navy, Carl R. King was recently recalled. He's worked here in 2452 since October 1950. Carl is married and has one child. He came to Sandia after graduating from the University of New Mexico with a B. A. in government.

Charles A. Sanchez left Sandia recently to enter the Army. He came here last September and was training at the Corporation's drafting school, 1951, when he was called. He studied art education at the University of New Mexico prior to joining us.

Watch Those Fireballs U Professor Advises Radio Club Members

Speaking at a recent dinner meeting of the Sandia Base Radio Club, Dr. Lincoln LaPaz, noted meteoriticist, urged everyone with photo-



Dr. LaPaz

graphic equipment to be ready to take pictures of any meteors or fireballs they might witness.

The head of the University of New Mexico's Institute of Meteoritics offered the full assistance of the Institute for free development and evaluation of photos pertaining to meteors or fireballs. Dr. LaPaz, who presented an illustrated lecture before 200 members and guests, assured his listeners that should any photographic phenomenon appear to be of a classified nature such films would be forwarded to proper authorities in Washington, D.C.

Dr. LaPaz may be reached at the Institute on University extension 341 or 288.

H. H. "Pat" Patterson, W5DAH, 1131, president of the Radio Club, presided at the gathering. Carl Carlberg, W5IH, 2521, was toastmaster.

AROUND THE DEPARTMENTS

Betty Eisenschmidt, Anna Bell Masterson, and Phyllis Harris, all 3160, will take Christmas vacations. Betty and Anna Bell plan to stay in Albuquerque and Phyllis will spend her holiday in New York.

Frank Chavez, 2235, and family are visiting relatives in Los Angeles.

Joy Hunt, 2235, recently returned from Louisiana and Texas. Her daughter, Linda, had been visiting Joy's mother and accompanied her mother back to Albuquerque.

Billie and Max Gasta have moved into a new home at 2317 N. Cagua Drive. Billie's organization is 2333-3 and Max' is 2433. Moving with them were their six puppies, a dog and a cat.

J. E. DeVoy, 2321-2, is recuperating from a recent operation.

Section 2231-4 welcomes Dorothy Babbs who has returned to work after a three-week illness.

Jose Molcome, Robert Lozano, and Christine Waggoner, all 2231-4, will leave for their vacations Dec. 24 and plan to return Jan. 7. Jose is going bear hunting.

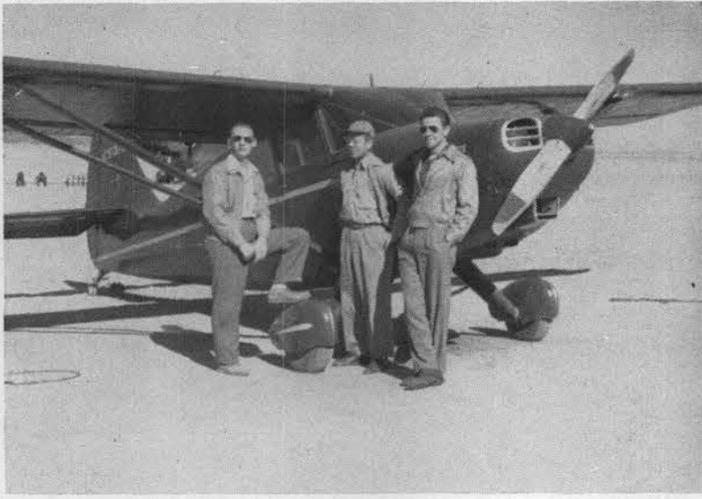
Organization 2334 has received Christmas greetings from a former fellow worker, Pfc. Larry Chavez, now on duty in Korea.

Angela Schiava, 2334, is expecting a visit from her husband's parents during the holidays. They are from Rochester, N.Y.

Several people in 1710 are taking vacation time starting tonight. Romayne Davis, 1710, her husband and sister are leaving for Santa Ana, Calif., to visit Romayne's parents. Billee McDowell, 1714, is going to Amarillo to spend Christmas with the family. Ray Peotzl, 1714, will stay at home for a week to entertain relatives who are visiting from Joliet, Ill. Bob Morgan, 1716, is traveling to Oklahoma City to enjoy the yuletide with his family there. Ed Harley, 1715, will be going to the Arapaho Ski Basin in Arapaho, Colo., for some skiing.

Thelma Renwick is on loan from 1951 to 1713 and seems to be enjoying the new friends she is making in the latter organization.

Theresa Sullivan, AEC, is traveling to San Antonio, Tex., today for a holiday vacation.



AVIATORS FOUR—the fourth owner, Cecil Johnson, took the picture. Left to right, Art Eiffert, Glenn Schaffer and Hank Tendall pose in front of their mutually owned airplane—a four-place Stinson.

This Plane Has Become a Sandia Affair

Art Eiffert, 1912, Glenn Schaffer, 4141, Cecil L. Johnson, 2523, and Hank Tendall, 1211 are the officers and the only members of El Pajaro Club.

The four Sandians formed the club in October when Glenn sold the others a one-fourth share in his Stinson Voyager, a four-seater plane.

In searching for an appropriate name for the flying club Art discussed the matter with Joan Marie Baca, now Mrs. Leroy White, 1914, who suggested the club's present name, El Pajaro, Spanish for "the bird."

Buy Bigger Plane

Art, Cecil and Hank owned a small Taylorcraft plane until that time, but sold it to three other Corporation employees—George Arnot, 1134, George Oltman, 1132, and Jim Lindsey, 1134—in order to be partners in the bigger Stinson. The greater speed of the Stinson (it cruises at about 110 miles per hour) enables them to make longer flights.

Glenn is an "old-timer" at flying. He got his license in 1948, but his

club brothers, Cecil, Art and Hank, received their pilot licenses only recently, in fact within a month of each other last Spring.

Flying was Art's "boyhood ambition", he said. He began in 1939 after he had completed high school in St. Louis, but money was short at the time and he only flew about an hour a month. He gave up his flying after a time, as did Hank who also began taking instruction in 1939. Art, Hank and Cecil have been flying in earnest less than a year.

Pay by the Hour

The trio bought their first plane, the Taylorcraft, from Betsy Burd, 4222, and her brother, Bob Burd, 1241.

As treasurer of El Pajaro Club, Hank collects \$4.50 for each flying hour put in by himself and the other members. This is used for plane upkeep. Art is club president, Glenn is vice-president, and Cecil is secretary.

Carroll Osborne, 1261, gave instructions to Art and the three present owners of the Taylorcraft.

Gerry Hines Coached 20 Years And Had Top Teams In Border Conference

The collegiate sports world is today undergoing perhaps the most violent upheaval in its history. It is being attacked from all sides. Everything from moral integrity to game rules is being questioned.

Speaking of Scandals

Here at Sandia we have a man who is perhaps more qualified to voice an opinion than any of us. He is Gerry Hines, for 20 years coach of the New Mexico A & M football and basketball teams, and now section supervisor of 2221-2.

Speaking of the recent scandals in collegiate football and basketball, Gerry says the college presidents are as much to blame as the players themselves.

Gerry advocates a certain degree of de-emphasis of collegiate sports. He also foresees a closer supervision of athletics by colleges and universities.

"I think they ought to cut down the length of seasons and eliminate spring football practice entirely. It would also be a good idea to cut out the 'two-bit' bowl games leaving only the Rose Bowl, Sugar Bowl and Cotton Bowl. The National Collegiate Athletic Association should have the power to approve teams entering these bowl games and there ought to be some sort of restriction such as preventing any one team from playing in a bowl game more than once every three years."

Revolt Sparks Career

A revolution started Gerry on his coaching career. Twenty-five years ago he graduated from New Mexico A & M with a position as an entomologist all lined up in a South American country. Before he went down there, however, the natives started a revolution and when the dust cleared his job opportunity was gone. In college Gerry had been a four letter man, quarterback on the football team and forward on the basketball team. At about the same time as the South American job blew up he was offered a coaching post at Las Cruces high school in Southern New Mexico. He took it and stayed there for three years.

In 1929 he took over as football and basketball coach at New Mexico A & M. They tied for the state football championship that year and won it the next three years. In 1936 the Aggies played in their first Sun Bowl game and in 1938 they won the Border Conference Championship.

For three years, from 1937 to 1940,



Aggie Coach Hines

Gerry's Aggie basketball team won the Border Conference championship, maintaining an average of 60 points per game and winning 49 out of 55 conference games. For the first time in its history the basketball team played in Madison Square Garden, not just once but two consecutive years, 1939 and 1940.

Advocates Platoon System

Gerry likes the platoon system in football. He admits that it favors the big money universities, but he maintains that it justifies itself by giving more boys a chance to play.

He also favors the fast break in basketball. In fact, his team started the fast break in the Border Conference. Gerry's main argument against basketball is directed at the officials. He claims they haven't standardized the sport and cites as an example the years the Aggies played in Madison Square Garden when they found themselves being penalized for violations of eastern rules that were never in effect out here.

He fought in World War II as a major, participating in the invasions of Sicily and Italy. When he came back to the Aggies he was made Athletic Director and Professor of Physical Education. From 1947 to 1948 he attended the University of Southern California and received his masters degree in education. He retired from the University in 1949.

Gerry joined us last May. He can't forget his old alma mater, though, and he follows the Aggie games just as closely today as if he were down there on the sidelines.



BILL JENKINS AND FRIEND pose after a recent antelope hunt that was successful for Bill, 2244, but rather unsuccessful for his friend. This big buck was killed with a 400 yard shot while it was heading away from Bill at a speed estimated at 45 miles per hour. The great debate in the Jenkins household right now is, "Where do we hang the head?"



A WILDCAT AND A HAWK killed on a recent four day deer hunt in the Apache mountains near Reserve, N.M., are displayed by Donald Deatherage (left) and Dick Zaluga. Don is the brother of Mildred Smith, 2231, and Dick is the husband of Shirley Zaluga, 4135-1. Dick, who killed the wildcat, plans to tan and mount it for a rug. No, they didn't get a deer.



HUNTING SEASON wasn't very old when Felix Padilla, 2416, shot this six-point 160 pound buck near Cuba in northern New Mexico.

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 advertise-

FOR SALE—

Fur coat, ladies, muskrat, \$340 value, \$59. One year old, medium size, three quarters length, dark brown, Phillip H. Park, ext. 26148.

Bicycle, boy's, Hawthorne \$18. Reconditioned, complete with coaster brake, kick stand and basket. L. R. Neibel, ext. 21232 or Alb. 5-2540.

Two bedroom home, bargain, Mrs. Pena, ext. 24141.

Servicycle, 1951, good condition, \$125. Terms Schwinn bicycle, 26 inch, spring fork \$25, ice skates, shoe style, size 8, \$4. H. L. Calvary ext. 26155 or Alb. 4-4370.

Fur coat, Persian Lamb, Grey, \$25. W. O. Smitha, ext. 21241.

Sleeveless sweater, in plum red wool, has 2 "V"-shaped designed cables up front and back—turned out too large, \$3. N. Tendall, ext. 23195.

Electric washer, portable, with wringer, \$20. J. C. O'Neal, ext. 29142.

Record Changer, Webster Chicago, "78", \$35; 7 gals outside white paint, \$30. W. S. McElvaney, ext. 25255 or 916 S. Arizona after 5 p. m.

1939 Ford, 2-door, A-1 mechanical condition, new paint, good tires, Edmund Starr, ext. 28171, after 5 p. m.

Boxer dogs—a real Christmas present, Charles Fletcher, ext. 31153 or Alb. 3-1169.

Home, one bedroom, lawn, trees, shrubs, paving, venetian blinds, near school, bus, shopping. \$5935. My equity \$950, \$36.21 per month includes taxes and insurance. F. Daut, ext. 26155. 2941 N. Madison after 5:30 p. m.

Washing machine, portable, wringer, \$10. Garratt, ext. 21290 or 26142.

Vacuum Cleaner, Hoover, Deluxe, and parts, \$49.50; Singer sewing machine small, portable, leather carrying case, \$80; Porcelain top table, chrome folding legs, \$12; gas heater, 20,000 BTU. Frank Baczek, ext. 4122 or see at 429 S. Utah.

Youth bed, mattress, \$25. Dorothy Belmore, ext. 29256.

Bicycle, Boy's 20 inch, J. C. Higgins, Coaster brake, kick stand, luggage carrier, two side wheels at no extra cost if you want them, \$25 or best offer. M. Weber, ext. 21293 or 21148. Can be seen at 3136 39th Place.

Bicycle, 28 inch, new tires and tubes, \$20. C. D. Babcock, ext. 5275.

'50 Buick, special deluxe sedanette, fully equipped, perfect condition, must sell. Will accept best offer. Shirley Zaluga, Alb. 3-1940.

City lot, water, electricity, gas, sewerage, \$600 each. Thompson, ext. 22248, inquire at 2745 N. Washington or 2724 W. Central.

Half Great Dane puppies, \$5 to \$15, C. L. Stoner, ext. 27140.

FOR RENT—

Three bedroom home, stove, refrigerator, furnished, 2101 North Palomas, close to schools, bus, shopping center. Thompson, ext. 22248 or inquire at 2745 N. Washington.

Three bedroom home in heights, near public and parochial schools, paved street front and back, landscaped, walled in back yard, paved patio, 10-foot refrigerator, large gas range, mahogany dining room furniture, \$120 per month. Kathleen Flood, ext. 28279.

Furnished room for two girls or couple. Kitchen privileges, close to Sandia Base. Frank Baczek, ext. 4122, 429 S. Utah.

LOST—

Heavy duty mud chain. Call Mary Lunsford after Jan. 1 on ext. 23255.

Zippo lighter with initials J. F. J. Jeanne Johnson, ext. 23255, Bldg. 892.

RIDES WANTED—

1800 block Rio Grande Blvd. Dora Zamora, ext. 23141.

612 N. Broadway or Broadway and New York Avenue. Lucille Montoya, ext. 4138 or 28256 or Alb. 2-4364 after 5:30 p. m.

808 N. Montclair. Katherine Baca, ext. 4138 or 5147 or Alb. 5-2494 after 5:30 p. m.

1400 N. Richmond. For two persons. Dora O'Sullivan, ext. 5137 or Alb. 5-8389.

Washington and Menaul. P. Ryan, ext. 26239.

1211 E. Silver. Angie Rivera, ext. 28135 or 31253.

6300 block N. Fourth. Betty K. Taylor, ext. 24152.

11th Street and Mountain Road. Fred Trechel, ext. 26152.

SHARE RIDE—

Vicinity 1121 N. Princeton. B. Harbison, ext. 25141.

RIDERS WANTED—

Vicinity San Pedro Drive, Roosevelt Avenue, Alvarado Drive, Palomas Drive. Al Goodman, ext. 27158.

WANTED—

Want clean 1940 or 1941 Ford V-8 Tudor. Swap new K-38 Smith and Wesson revolver, value \$71.50; new Model 94 Winchester 30/30 rifle, value \$68.50; or Oriental rug 4 x 7, value \$35.00 and cash. Call W. O. Smitha, Sandia ext. 21241 or 21186.

Bowling Leagues

INDIAN LEAGUE

Team	Team Standings	Won	Lost
1. Mohawks	27	13
2. Hopi	22	18
3. Blackfeet	20	20
4. Apaches	20	20
5. Arapahoe	19	21
6. Navajo	18	22
7. Zuni	17	23
8. Pottawatomie	18	23

Team and Individual
 High team, total pins, Mohawk, 2565.
 Second high team, total pins, Apache, 2557.
 High team, one game, Hopi, 950.
 Second high team, one game, Mohawk, 935.
 Individual high series, Nendell, 623.
 Second high individual series, Lew, 611.
 High individual, one game, R. Parsons, 274.
 Second high individual, one game, V. Brewster, 247.

Top 10 Averages
 Nendell, 187; Whitney, 177; V. Brewster, 173; Horne, 168; Baumgartner, 167; Palmer, 166; Eichart, 165; Northrup, 164; Parsons, Culley, 163.

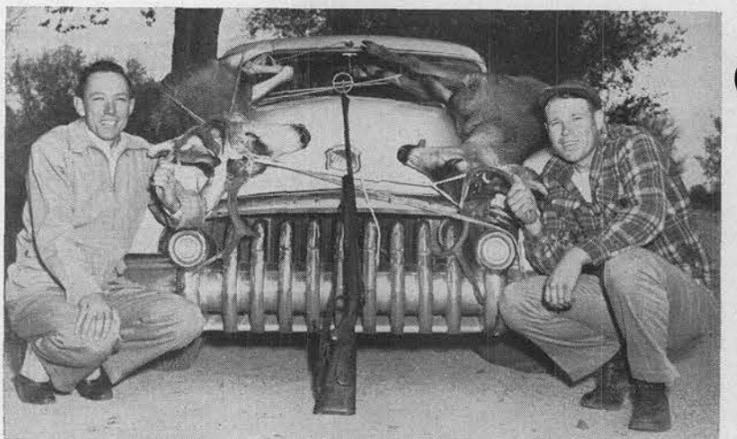
JUNGLE LEAGUE

Team	Team Standings	Won	Lost
1. Rabbits	28	16
2. Lions	27	17
3. Panthers	24	20
4. Bears	22	22
5. Lobos	20	24
6. Gophers	20	24
7. Wildcats	20	24
8. Mustangs	17	27

Team and Individual
 High team, total pins, Lions, 2618.
 Second high team, total pins, Lions, 2563.
 High team, one game, Lions, 961.
 Second high team, one game, Lions, 920.
 Individual high series, Anderson, 638.
 Second high individual series, Dietrich, 626.
 High individual, one game, Duffield, 266.
 Second high individual, one game, Dietrich, 265.

Top 10 Averages
 Duffield, 183; Dietrich, 179; Dierks, Anderson, 173; Spragar, 171; Kubiak, Mills, 170; Campbell, 169; Spriggs, Durant, 168.

Providing security for your future means peace of mind today. By using the payroll savings plan you may buy a bond a month and in 10 years your dreams may become realities.



VENISON STEAKS are on the menu for these two happy hunters. The pair of bucks was brought down by Otis Webb (left), and Charles Farmer in the Jemez mountains during the first three days of the hunting season. Otis is with the Holmes and Narver Construction Company working on a project for the Corporation. Charles is in 2452.

Trees, Lights and Music Help Bring Holiday Spirit to Sandia People

There is Christmas in the air around Sandia Corporation again this year. The Yuletide spirit is being displayed in several ways throughout the area.

The main entrance of Bldg. 800 is decorated with two Christmas trees carrying colored lights and there are holiday trimmings around the large glass doors and windows.

Outdoor Christmas trees have been placed in front of Bldg. 800, on the lawn in front of the Coronado Club

and a large tree has been placed in the Technical Area.

Brightly trimmed trees are also inside the Coronado Club and the Women's Dormitory and many offices throughout the company have small trees which were put up by personnel of the office after first studying fire prevention regulations.

A final touch which will add much to the Holiday atmosphere will be the Christmas carols which are to be played from tape recording over an outdoor public address system.