



# SANDIA LAB NEWS

published every other Friday for the employees of sandia corporation, contractor to the atomic energy commission

Vol. 8, No. 12

Albuquerque, New Mexico

June 29, 1956

## Festival Queen To Be Crowned By Sec. Quarles

Donald A. Quarles, Secretary of the Air Force and former President of Sandia Corporation, will return to Albuquerque July 7 to participate in the 250th Anniversary Celebration. On July 9 he will visit the Corporation.

Accompanying Mr. Quarles will be Mrs. Quarles and Gen. and Mrs. L. S. Stranathan.

Mr. Quarles will crown the festival's queen and speak at the staging of the first "Enchantorama" pageant, July 7. The next day he will be guest of honor at a luncheon in the Alvarado given by the Santa Fe Railroad.

He will speak briefly at the train station on the arrival of the Santa Fe's Hi-Level train.

While in Albuquerque they will be house guests of Mr. and Mrs. R. E. Poole. Mr. Poole is Vice-President in charge of Development, 1000.

## Coronado Club Offers Swimming Instruction

Free swimming lessons at the Coronado Club began last week for members and their guests and will continue through Aug. 2.

Children in the 6 to 10 age group are being given lessons from 10 to 10:30 a.m. on Mondays. Those between 11 and 15 years of age receive instruction from 10:30 to 11 a.m. on Thursdays and those 16 and over may take lessons from 5 to 5:30 p.m. on Mondays.

A limited number of private individual swimming lessons for a fee are being offered.

## Sandia Employee Helps Man Boat In Salton Sea Rescue

### C. J. McGarr Head Air Reserve Unit

The recently assigned commanding officer of the 9174th Air Reserve Group is Cuvier J. McGarr, Manager of Purchase of Purchase Service Department, 2330.

Mac has been "exec" of the Group since February, 1954. The unit is made up of about 620 officers and airmen with two squadrons in Albuquerque, two in El Paso, one each in Santa Fe and Roswell, and flights in Los Alamos, Farmington, Springer, Hobbs, Carlsbad, Alamogordo, Deming and Las Cruces.

During World War II he served four years in the Army Medical Administrative Corps at Air Force installations. Mac was in the Army reserves until 1949 when he transferred to the Air Force Reserve, in which he presently holds the rank of Major.

Mac has been with Sandia Corporation since 1949.



C. J. McGarr

A Sandia Corporation boat at Salton Sea rescued three college students last week who were lost during a storm on the inland sea. Don Mayfield, a security inspector at Salton Sea, and Aviation Machinist Herman Light piloted the rescue craft.

The students, vacationing after final exams at Mt. San Antonio Junior College, Pomona, were in a 14 foot open boat. Their outboard motor became swamped when 8 foot waves driven by 55 mph winds whipped onto the sea without warning.

They were reported missing by a fourth student, a friend who was to meet them that evening at a nearby resort lodge. The report set off an air-sea search that continued throughout the night.

A navy search plane spotted the boat at mid-morning the next day and the Sandia crew made the rescue around noon.

### Sandialiers Sing on TV

The Sandialiers, male choral group, will appear on KOB-TV Tuesday, July 3, 5:30 to 6 p.m., Ken Pope, 1451, announced. The appearance of the group will be in connection with Albuquerque's 250th Celebration. The Sandialiers will preview selections scheduled for their "Enchantorama" appearance, July 4-14.

## Ex-Chinese Nationalist Army Officer Now At Livermore

A former Chinese Nationalist Army officer is one of the first new technical men from the Bay Area to join the Livermore Branch.

Quiet, genial Hugh C. Chang, 39-year-old mechanical engineer

doctrines and principles was dependent on its survival, and that its survival depended on its strength.

"I could see that the United States was interested only in defense—not aggression. And so I could see that work on nuclear weapons might not only save millions of lives but also preserve the democratic way of life," he adds.

Chang came to this country in 1943—six months after his marriage in Kweiling—on a mission for the Nationalist Army.

While Chang worked in Oakland, his wife, Elsie, worked for two years as an announcer and translator for Radio Free Asia.

The son of a lawyer and later superior judge in a state court in China, Chang studied first physics and then mechanical engineering at the National Institute of Technology in Nanking.

Upon graduation in 1937, he entered the Chinese National Army as an ordnance corps lieutenant. By 1943, when he came to this country, he had risen to the rank of colonel.

During his years in his native homeland, Chang saw his countrymen suffer under the tax oppression of war lords, in the growing pains of young democracy, in the horrors of the Japanese invasion, and finally in the conquest of the Communist armies.

"I feel very lucky that my family and I are in a country where we can be free," he says.

### AEC Administration Assistant Assumes Duties at ALOO

William H. Slaton, appointed in February as Assistant Manager for Administration in the AEC Albuquerque Operations Office, assumed his new duties recently. He was formerly Director of Finance at the AEC Savannah River Operations Office at Augusta, Ga.

His family will join him in Albuquerque in late July.



Hugh C. Chang

—Survival depends on strength—

and father of two children (ages 7 and 8½), joined the staff last month. Although he lives in Oakland, where he formerly worked, he is considering moving his family to Livermore.

Born in Chungking, China, and raised in the aftermath of the democratic revolution of Dr. Sun-Yat-Sen, Mr. Chang has sorrowfully watched decades of war and suffering ravish his native land, followed by the tragic disappearance of democratic beginnings under the heel of communism.

"After all the suffering, all the horrors, I've seen," the former ordnance officer says, "I decided I would never work on weapons again."

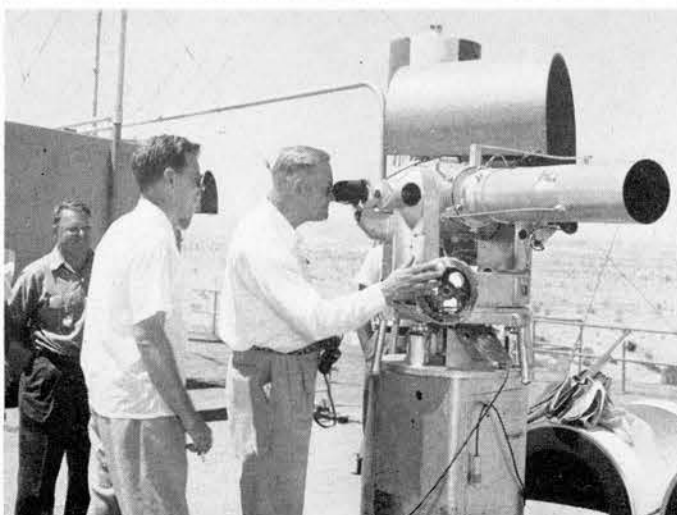
But time and experience brought a change in his thinking.

It soon became evident to him, he says, that the United States is the leader of world democracy, that preservation of its democratic

## Sandia Corporation Directors Observe 'Sea' Test Drops

LOOKING AND LISTENING, Directors of Sandia Corporation were brought up to date recently on activities of the Corporation at home base and Salton Sea. At left, R. S. Claassen, 5233, gives the visitors a run-down on recent changes in test facilities while on a tour of Area III. Listening, L to R are Sandia Corporation Vice-Presidents Glenn Fowler and R. E. Poole, and Directors W. L. Brown, J. E. Dingman, F. R. Lack, A. B. Goetze, and F. R. Kappel, President of Western Electric Co. Behind him is Max Howarth, Vice-President and General Manager, Sandia Corporation, D. M. Ellett, 1613, and F. J. Given, Vice-President, R&D Technical Services.

At Salton Sea (below) the Directors witnessed test "drops" and visited various installations on the range. Mr. Kappel tried out the Askania theodolite while J. W. McRae and Howard Austin looked on. Howard is in charge of the Field Operations Division at the Sea. In the middle photograph Elmo Hirni, 5214, explains the operation of the plotting board in the radar building to Directors Brown, Beal, Goetze, Kappel and Lack. At luncheon in San Felipe Lodge the Directors got further orientation on SSTB activities. Around the table, L to R are Mr. McRae, Mr. Kappel, Mr. Howarth, Mr. Lack, Ted Sprink, resident manager, Salton Sea Test Base, Mr. Beal, Howard Austin, Mr. Goetze and H. E. Lenander, 5220. Mr. Brown is seated with his back to the camera.





Photography by Photographic and Reproduction Division

Deadline  
Friday noon of week  
prior to publication

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Sandia Base 6-4411  
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## "Bill of Rights" Guarantees Personal Liberty

The first ten amendments to the Constitution, known as the "Bill of Rights," contain nearly all the guarantees of personal liberties embodied in the Constitution. With July 4, birthday of American freedom, just around the weekend, it seems appropriate to review our basic birthright.

So jealous were our forefathers of the rights of American citizens and so sure did they want to be that none of them would be invaded that, in order to "make sure doubly sure," soon after the adoption of the Constitution ten amendments safeguarding these rights were submitted to the people and adopted as promptly as possible.

These amendments — this "Bill of Rights" — are a summary of the long struggle of mankind for personal liberty and religious freedom.

They were intended to set at ease the minds of citizens who knew of the age-old sins of government. They were a kind of "safety first" precaution in connection with the new government which the Constitution had created.

### ARTICLE I. Freedom of Religion, of Speech, of the Press, and Right to Petition

Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech, or of the press, or the right of the people peaceably to assemble and to petition the government for a redress of grievances.

### ARTICLE II. Right of People to Bear Arms Not to be Infringed

A well regulated Militia being necessary to the security of a free State, the right of the people to keep and bear Arms shall not be infringed by law.

### ARTICLE III. Quarterming of Troops

No Soldier shall, in time of peace be quartered in any house, without the consent of the Owner nor in time of war, but in a manner to be prescribed by law.

### ARTICLE IV. Persons and Houses to be Secure from Unreasonable Searches and Seizures

The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no Warrant shall issue but upon probable cause, supported by Oath or affirmation, and particularly describing the place to be searched and the persons or things to be seized.

### ARTICLE V. Trials for Crime — Just Compensation for Private Property Taken for Public Use

No person shall be held to answer for a capital or otherwise infamous crime, unless on a presentment or indictment of a Grand Jury, except in cases arising in the land or naval forces, or in the Militia, when in actual service in time of War or public danger; nor shall any person be subject for the same offence to be twice put in jeopardy of life or limb; nor shall be compelled in any criminal case to be a witness

against himself, nor be deprived of life, liberty, or property, without due process of law, nor shall private property be taken for public use without just compensation.

### ARTICLE VI. Civil Rights in Trials for Crimes Enumerated

In all criminal prosecutions, the accused shall enjoy the right to a speedy and public trial, by an impartial jury of the State and district wherein the crime shall have been committed, which district shall have been previously ascertained by law, and to be informed of the nature and cause of the accusation; to be confronted with the witnesses against him; to have compulsory process for obtaining Witnesses in his favor, and have the Assistance of Counsel for his defence.

### ARTICLE VII. Preservation of Right of Trial by Jury

In Suits at common law, where the value in controversy shall exceed twenty dollars, the right of trial by jury shall be preserved, and no fact tried by a jury, shall be otherwise re-examined in any Court of the United States, than according to the rules of common law.

### ARTICLE VIII. Excessive Bail, Fines and Punishments Prohibited

Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishments inflicted.

### ARTICLE IX. Reserved Rights of People

The enumeration in the Constitution, of certain rights, shall not be construed to deny or disparage others retained by the people.

### ARTICLE X. Powers Not Delegated, Reserved to States and People Respectively

The powers not delegated to the United States by the Constitution, nor prohibited by it to the States, are reserved to the States, respectively, or to the people.



**CONCHAS CATCH**—Al Sweede, 2443, displays a fine catch of perch from Conchas Dam, near Tucumcari. Al and other Sandians spent a recent week end there and report "really fine fishing." Omar Hines, Ray Harrison, Hal Baxter, Don Knott, Ward Hunnicutt, all from 2440 organizations, Bob Davis, 2414, and Mac Deaton, 7231, were among the group.

### Academy Exercise

Annapolis — bound is Shirley Hicks, 5224, who will attend her brother's graduation from the U. S. Naval Academy while on her summer vacation.

### CPAs Meet

Two Sandians played an important part in the Mountain States Accounting Conference for CPAs which was held in Santa Fe June 13-16.

Harold V. Catt, 4121, was general chairman for planning and conducting the conference. Joseph S. Miller, 4135-2, served as budget and finance committee chairman.

CPAs from eight states heard discussions devoted to matters of general interest to the professional accountant. Panels were held on accounting aspects of the uranium, oil, livestock and construction industries.

## Sandians Who Serve

This is another in a series of articles describing the community activities of Sandia Corporation employees.

Community organizations occupy a great amount of the leisure time of Reinhardt A. "Bert" Quelle, 3122, and, furthermore, his entire family is just as interested.

"Bert" was recently appointed a member of the board of directors for the Bernalillo County chapter of the American Red Cross. Although the annual Red Cross fund drive is part of the Community Chest campaign here at Sandia, the duties of the board continue throughout the year.

During the five years Bert has been in Albuquerque he has taken an active part in the Citizens Traffic Commission, the Citizens Committee, which deals in needs of the community as well as getting residents out to vote during elections, and he has served as treasurer of the Albuquerque Boys' Choir.

Bert and his son, Reinhardt, 14, are both avid amateur radio "hams" and are members of the communications division of the Civil Defense Administration. Young Reinhardt also sings in the

### Lab News Award

The Sandia Lab News staff was accepting congratulations this week after receiving word that the newspaper had been awarded the "Certificate of Merit" by the International Conference of Industrial Editors in a nationwide competition.

The award is the equivalent of third place in the competition among "internal" newspapers published primarily for employees in a single community.

Robert S. Gillespie, Employee Publications Section supervisor, and editor of the *Lab News*, received the award last week at the annual conference of the ICIE in Los Angeles. Bob also accepted the assignment of chairman of the Education Committee for the association for the coming year. He served as co-chairman of the committee last year.

### Program Analysis

Max Howarth, Vice-President and General Manager, is chairman of a special committee of the Albuquerque Chamber of Commerce. His group will study a detailed report and analytical survey of the chamber's program and operation. The report was made by a Nebraska public relations firm.

### Navy Advancement

Three Sandians were recently promoted to Lieutenant Commander in the U. S. Naval Reserve. The men are J. R. Halliday, 5513, Larry H. Horner, 5521, and R. R. Harnar, 5522.

### Degree Given

A master's degree in economics from the University of New Mexico was recently awarded H. Wilson Maglidt, Manager of Staff Administration Service Department, 7220.

He was employed by the Bell System for 19 years. Before coming to Sandia in October, 1949, he was at the Western Electric Point Breeze Plant in Baltimore. He is a graduate of Johns Hopkins University.



H. W. Maglidt



R. A. Quelle

Boys' Choir and a church choir.

His daughter, Gretchen, helped build a mission school in Mexico a year ago and recently-graduated Karen is secretary of the Albuquerque Youth Council, which coordinates all teen-agers activities in the city.

The Quelle's live at 1111 Morningside Dr., N.E.

### Backward Motor

The trials and tribulations of being the owner of a small foreign car are being experienced by Elaine Schwid, 7225.

Elaine parked her new 1956 Volkswagen in front of a church while she attended evening services. When she came out the beetle-shaped vehicle had completely disappeared.

Next day the Albuquerque police found the German car. The thief had failed to start the motor by crossing ignition wires—or maybe he neglected to look for the motor in the rear of the chassis—so he had pushed the car into a nearby alley and stripped it.

### Wisemen Cometh?

Apparently small children at Salton Sea should be told about Albuquerque's 250th anniversary. Two men from 5521, Larry Horner and Bill Meahl, recently were having lunch at the cafeteria at the California site. Both have impressive beards. They overheard a small boy ask his mother, "Are they the Wise Men?"

## WEDDINGS and ENGAGEMENTS

Saturday, July 7, has been set for the marriage of Agnes E. Mahinske, 1650, to Henry C. Strauss, supervisor of Supplies Purchasing Section B, 2322-2.

The couple will honeymoon on the West Coast and make their home at 1129 Estejo NE upon their return in late July.



Miss Mahinske

Henry has been with the Corporation for nearly six years while Agnes started in October of 1953.

Two AEC employees, Sarah E. Wilbanks and Mamie Berg, left by plane last Friday for Hawaii. In Honolulu, Sarah will marry James L. Hurley. After several weeks on the Islands the couple will make their home at Livermore, Calif.

Mamie will be matron of honor at the ceremony and vacation a short while before returning to Albuquerque.

Sarah has been with the AEC four years.

Expected back in early July is Donna Kay Sloan, 7225-3, who was married June 17 to Donnie E. Gibson of Albuquerque. The double ring ceremony was held at the First Christian Church with a reception immediately afterwards.



Mrs. Gibson

On their wedding trip the couple will visit Colorado, Kansas, Illinois, and Ohio.

Honeymooning this week are Mr. and Mrs. Don E. Larson, who were married June 10 at the Temple Baptist Church. The couple will be at home Monday at 3525 Rofs Avenue SE. Mrs. Larson is the former Elnora Bowers, 7225-4, and Don works in 5533.

In an afternoon garden ceremony Ardelle Chambers, 7225-4, became the bride of James A. Hurlburt of Albuquerque on June 17. The wedding and reception were held at the home of the groom's parents in Shiprock. Nancy Bercau, 5512-1, was the maid of honor.

The couple will reside in Albuquerque after their honeymoon.

# Sandianotes

## Anniversary Song

The spirit of the 250th anniversary celebration has stimulated the composing ability of Glenn Haughness, 2711. The result — "Happy Birthday Albuquerque." Free copies are available to all.

## Campaign Booster

The nine-year-old son of Mr. and Mrs. Stanley W. Clayton, 5216, recently underwent surgery at Bataan Memorial Hospital. Little Bobby opened the last three Cerebral Palsy telephone fund drives by singing "God Bless America." He is recovering satisfactorily.

## Sick List

Two of our Sandia Lab News reporters are recovering from recent operations. A speedy return for "Spike" Coombe, 7410, and Millie Graves, 2462.

Recuperating after an operation at St. Joseph's Hospital is Lawrence Stone, 2121-3.

## Prize Winning Art

The R. E. Butler's, 5524, had a surprise awaiting them upon their return from a vacation trip to Washington, D. C., and New York City. During their absence Mrs. Butler's painting "White Sands" was awarded first prize in an exhibit by the Sandia Base Women's club art group.

## Some Sport

A leisurely week-end at Red River was planned by Betty Van Gundy, 4131, and her husband, Gerald, 2553. Betty thought it would be fun to join friends in renewing the childhood sport of roller skating. She reported for work with her left arm in a cast.

## Mexican Vacations

Guaymas, Mexico, has been a popular vacation spot for workers in 2463. Frank Ewing, his wife and two children traveled there and caught three sailfish weighing about 100 lbs. each. George Carton was another visitor. Rusty Ganzerla went fishing and skin diving and also visited Hermosillo, Mrs. Ganzerla's home.

## Scouter Honored

Scout Master E. L. Bolton, 2111, recently received the "Worth Nichols Trophy" for his troop 285 at the Sandia-Manzano Scout Camporee held at the State Fair Grounds.

This highest of all scout troop awards was presented by George Bullock, scout executive of the Kit Carson Council. The troop is sponsored by the Sombre Del Monte Christian Church.

## Women Voters Work

An active part in the League of Women Voters is being taken by Mrs. J. Lloyd Williams, whose husband works in 5511, and Mrs. S. C. Hight, whose husband is Director of Research, 5100.

Mrs. Hight is chairman of the Sandia Base unit and Mrs. Williams has been appointed membership chairman of the Albuquerque unit.

Mrs. Williams is also a member of the Sandia Base Discussion Group and anyone interested in attending these meetings may contact her for information at ext. 49272.

## Picnic Pull-over

Department 5130 had its annual picnic on June 23 at Doc Long's. A feature of the outing was a tug-of-war between 5132 and 5133. A plaque was awarded to the winner entitled, "The Division With the Most Pull."

## Momentous Day

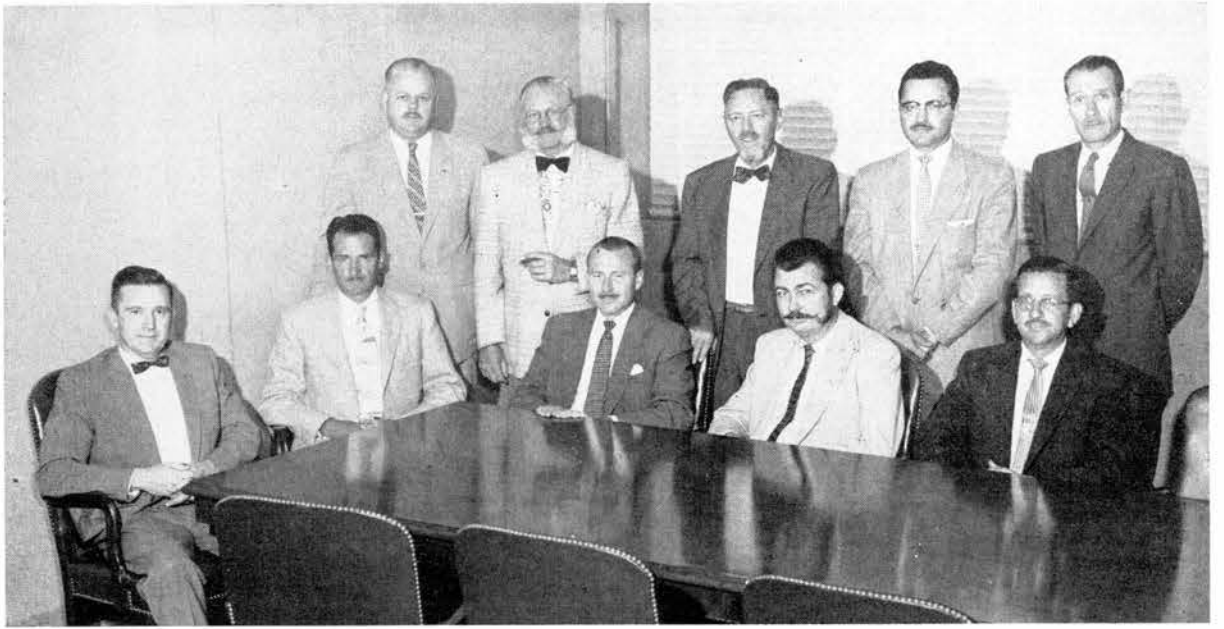
Frank Hudson, 5133, is still catching his breath after a momentous June 9th. His wife gave birth to a son the day they were scheduled to move into a new home at 2728 Palomas Drive NE.

## Nice Custom

New neighbors of Esther Holloway, 4131, surprised her recently with a get-acquainted coffee. Esther and her family have moved into a home at 2901 La Veta NE.



**SIX-YEAR-OLDS—Among winners for the best costumes at the Coronado Club sixth birthday ball were Ray Harrison, 2441, left, and Larry Malenfant, whose wife Constance is in 1641-3.**



**BOARD OF DIRECTORS** of the Coronado Club got together for a group picture after the recent election of eight new members. Seated, left to right, are H. V. Catt, 4121, president; F. E. Abbott, AEC, vice-president; H. C. Redding, 7221, treasurer; J. O. Palmer, 7122, secretary; and J. C. Russell, 1621. Standing are R. A. Knudson, 3164, W. M. Jobe, 2411, E. W. Peirce, 3120, Gino Carli, 1442, and A. C. Hull, AEC. Mr. Catt and Mr. Knudson were elected last year for two year terms. Mr. Peirce is the Sandia Corporation representative appointed to the board and Mr. Hull is the AEC representative. Not shown are Gladys Stumpf, 2713, and Howard Sloane, 2563, unable to be present for the picture.

## IRE to Hear DEW Line Talk At Next Meeting

H. G. Ross, Western Electric Company project manager of the Distant Early Warning radar line, will discuss the project at a meeting of the Albuquerque-Los Alamos Section of the Institute of Radio Engineers July 11 at 8 p.m. in Room 101 of Mitchell Hall, UNM.

The program will include the showing of a film about installation and maintenance problems encountered in the DEW line project, according to H. H. Patterson, IRE meetings and papers committee.

Mr. Ross was formerly head of purchasing at Sandia.

## Professional Engineers Plan Annual Picnic

A day-long program of games and competition is slated for the annual picnic of the Albuquerque Chapter of Professional Engineers. The event will be held on June 15 at Doc Long's Ranch in the Sandia Mountains. Engineers do not have to be members of the Society to join in the fun with their families.

The continuous program includes baseball, horseshoe contest, foot and sack races, a tug of war, beard judging contest and treasure hunt for children.

Tickets can be obtained from Bert Metzger, 3210.

## Congratulations

**Born to:** Mr. and Mrs. Mel N. Pliner, 7111-1, a daughter, Dorene Lee, May 31.

Mr. and Mrs. Bert Snow, 5211, a daughter, Janet Sue, June 1.

Mr. and Mrs. Paul Scheele, 5223, a daughter, Debbie Sue, June 20.

Mr. and Mrs. Garold Fowler, 2542-2, a son, June 17.

Mr. and Mrs. Frank Hudson, 5133, a son, Brendan, June 9.

## Coronado Club Will Exchange Enchantorama Coupons for Tickets

Advance sale coupons to Albuquerque's Enchantorama may be exchanged for admission tickets during the noon hours and after 4:30 p.m. at the Coronado Club office, John Taylor, club manager announced today.

Ordinarily advance sale coupons would be exchanged at the 250th Anniversary headquarters or at Zimmerman Stadium on the night of attendance, but as a convenience to Sandia Corporation employees, the exchange may be made at the club.

The advance sale coupons, being sold locally at a reduced price, must be exchanged for tickets marked specifically for the night one wishes to attend.

## Patent Issued To B. J. Bittner

A U.S. patent was issued recently to Burt J. Bittner, supervisor of RF Division 1412, for a coaxial broad band directional coupler.

The official title of the patent is "Directional Coupling Means for Transmission Lines."

Burt has been with the Corporation since August, 1948. He came here from the Submarine Signal Co., a division of Raytheon Manufacturing Co. Following graduation from Colorado A&M College he was assigned to the Naval Research Laboratory in Washington, D. C.

He has been issued other patents previously.



**B. J. Bittner**

## Tony Atler Ends Assignment as 'Lab News' Photog

This issue of the Sandia Lab News marks the end of a five-month assignment for Tony Atler, Photography Section, 2462-1.

Tony has clicked the shutter for most of the pictures that have appeared in the Lab News since February.

Tony has been at Sandia for six years. He started as a blueprint and photostat operator in the Photo and Reproduction Division, 2462. Working in that section, he became interested in photography and cameras.

He held several positions in the Photography Section including using a copy camera and printing negatives. After this apprenticeship, he became a regular photographer in the section.

Tony's favorite photo subject is his family. He has dozens of pictures of his wife, Jo, and photographic records of the growth of his son, Carl, 7, and his daughter, Ann, 11 months.



**TONY ATLER, 2462-1, ends a five month assignment as Sandia Lab News special photographer.**

## Chin Fern Contest Planned for July 9

A chance to cash in on the results of weeks of careful cultivation, clipping and vacuum cleaning will be offered bewhiskered Sandians Monday, July 9, when an elimination contest will be held at the Coronado Club to select finalists for the beard and mustache contest set for July 13 at the Enchantorama.

Invited to participate in the preliminary contest — one of a series being held throughout the city — are Sandia Corporation, AEC and Civil Service employees on Sandia Base and at ALOO. Military personnel have not been permitted to grow beards because of official regulations.

The contest will be held in the Coronado Club ballroom from 4:30 to 6 p.m. Participants will be divided into groups by types of foliage and winners will be selected by audience applause, according to Jim Mace, executive director of the Albuquerque 250th Anniversary Celebration.

## Promotions

ORVIS E. BUSH to supervisor of Quality Assurance Inspection Section 7321-2, Operations Department B.

Orvis came to Sandia four years ago this month from the Naval Research Laboratory in Washington, D. C. He was previously employed by the Post Office Department in Washington and the Federal Bureau of Investigation.

He has studied at the Capitol City Radio Engineering Institute in Washington and at George Washington University.

QUINTON T. USSERY to supervisor of Specification Section 7329-3, Operations Department B.

Immediately prior to his promotion Quinton was a system engineer in Weapons Systems Division I, 5521. Before coming to the Corporation five years ago he spent a similar period as an aircraft communicator for region four of the Civil Aeronautics Administration in Texas and Oklahoma.

He was in the Air Force for more than three years, serving in the Air Transport Command as a flight radio operator in several theaters of operation.

**No job is so important and no service is so urgent that we cannot take time to perform our work safely.**

## Three More Sandia Employees Earn 10-Year Thunderbird Service Pin

### TWO-YEAR CERTIFICATES

June 29-July 5

D. W. Grobecker 1621, Anthon J. Petersen 5213, Alfred D. Vogt 2451, Lillian P. Bowers 4152, Charles V. Ladig, Jr. 2152, Robert N. Bateson 7421, Dwayne L. Mozey 1224, L. Eloise Perry 2231, Doris M. Furry 4135.

Nancy A. Bercau 5512, Morgan L. Kramm 5231, Jack L. Wilson 1652, Robert F. Utter 3154, Charles C. Klutts 7314, T. R. McDowell 7312, W. R. DesRoches 7412, Stephen Farrelly 2462, Irene J. Merrell 2461, Eleanor M. Neeley 3164.

Keith R. Baltz 5215, Robert E. Thorne 7421, W. M. Winfrey, Sr. 7315, L. S. Blickenstaff 2461, Glen M. Haines 2124, Zillah L. Parker 2462.

July 6-12

W. W. Westman, Jr. 1441, Kelly S. Davis 2553, Jack K. Hale 5122, John R. Shunny 3151, Mario P. Otero 2461, Lois A. Swayze 4131, Stewart W. Wilkison 2482, Willis J. Whitfield 7312, Joe L. Garcia 2461, Amy J. White 2320, Fenner D. Jones 7232, Gibson R. Guernsey 2152, Thomas Starr 7311, George E. Harwood 7314.

Robert J. Tockey 1451, Eunice B. Wyer 7225, William M. Boggs 2461, Dale F. Walters 4113, Charlotte M. Morter 7221, Henry C. Black 1452, W. C. Huffman, Jr. 2452, Milton J. Lew 2151.

### FIVE-YEAR PINS

June 29-July 5

Arthur W. Miller 2553, Paul L. Davis 2113, E. J. Cooney 4100, Robert G. Hamilton 1611, David C. Robertson 1613, William A. Little 1211, Edward L. Amonette 6010, Francis X. Vogel 2524, Francis E. Thompson 5213.

Paul Willard Rowe 5141, Howard B. Durham 1413, Jay W. Grear, Jr. 1463, Lovella L. Montoya 7225, Jesse B. Edgar 7411, Archie J. Fisher 2234, Quintin T. Ussery 5521, James Daniel Smith 5112, D. M. Fenstermacher 5221, Robert Keith Parry 1443.

Wilbert A. Sherman 7320, Chester J. Ricker 2611, Mildred Smith 2122, Eloine M. Whitehill 2231, Loren B. Converse 7313, Edwin William Joch 2113, Joseph H. Lackey, Jr. 7412, Richard L. Ballard 2611, Theodore F. Pfeffer 7232, Brad L. Sanders 2112, Evelyn June Cook 7225.

### TEN YEAR PINS



**Albert R. Mandell 1262-1 July 2**



**Paul L. Dailey 5222 July 5**



**Joseph R. Heaston 5212 July 9**

## Community Chest Agency

## Salvation Army Helps 25,000 Persons During Single Year

This is another in a series of articles about agencies of the Albuquerque Community Chest.

Recently observed by Albuquerqueans was National Salvation Army Week. In observance of the occasion the local headquarters issued a brochure of statistics summarizing the service of the organization of the past year.

More than 25,000 persons received some sort of assistance from the Albuquerque Corps of the Salvation Army in 1955. The SA distributed food and clothing to needy persons, provided shelter for transients needing emergency assistance, visited hospitals, located missing persons and provided counseling, guidance, and spiritual services.

It is one of the oldest social welfare agencies in Albuquerque,

establishing headquarters here 60 years ago. The SA was an original member of the Albuquerque Community Chest when the Chest was organized in 1934.

An organized program for youth includes sponsoring Sunday school groups, Corps Cadet classes, Guards, Sunbeams and Young People's Legion meetings. The Salvation Army sponsors adult groups specializing in sewing, homecraft, service opportunities, religious services and a summer camp program.

Sr. Major and Mrs. H. L. Nadeau are officers of the Albuquerque Corps and Leo Wheeler is Corps Sgt.-Major. A 19-member advisory board helps direct the activities of the organization.

## Watch Your Change Says O'Trimble It Could Mean A Nice Fortune to You

"There's nothing more fascinating than money," according to Roland O'Trimble, electronic technician in 1224, who finds an engrossing hobby in collecting coins. It's not an extensive collection, Roland modestly says, but he started collecting circulated coins in 1948.

He strives to acquire representative coins from each type minted,

indicate which monetary unit the 'V' represented."

With the exception of a few coins Roland has a complete representative set of coins minted in the three US mints since 1900, circulated and uncirculated. Another interesting item in Roland's collection is a sheet of uncut dollar bills. Eighteen unseparated bills are printed on the single sheet.

Proof coins are another absorbing interest of Roland's. These proof coins are minted only on special order from the collectors. They are the same type coins as uncirculated but more care is used in the casting. Perfect metal blanks are used and are cast in highly polished dies. The completed coins literally gleam from their highly reflective surfaces.

He has in his collection proof coins in all denominations for each year since 1950. The demand for these proof coins has grown so much since 1950 that the value of the coins in Roland's collection has increased more than tenfold in some cases. More than 300,000 sets of proof coins were ordered from the mint last year.

There's no end to the collecting, Roland says, once a numismatist, always a numismatist. A project is never completed, new coins are always being issued. And, who knows, in that handful of change from any purchase just might be some rare coin in near-perfect condition—the collector's dream.



Roland O'Trimble  
—money's worth cash—

each year, from the three mints in the United States—Denver, Philadelphia and San Francisco. San Francisco coins may become scarce someday for in the future San Francisco will no longer mint coins but act only as a distribution center.

Back in 1948 when word got around that Roland was a coin collector, employees of the Officers Club would save the day's take of nickels in gallon cans. Then O'Trimble would spend hours sorting through the cans searching for rare coins or coins that he needed to fill his sequences.

From circulated coins, he became interested in uncirculated coins. These are really collector's items, for an uncirculated coin has to be in the same condition it was when it left the mint. The sources for these coins are usually the mint, banks or dealers.

"But you never know," Roland said, "just the other day in some change from a cleaning shop, I found an almost perfect old 'V' nickel. And it was one of the first 'V' nickel type, minted in 1883 without the words 'five cents' on the coin.

"This type of nickel was later redesigned to include these words, because some very clever and unscrupulous people at the time were goldplating these nickels and passing them off as five dollar gold pieces. After all, the coin did not

## Helen B. Nelson Dies of Cancer

Helen B. Nelson, a Sandia Corporation employee since February, 1953, died of cancer in her home June 19. She was 47.

Miss Nelson had been on leave from Classified Document Division, 2461, since Feb. 28.

She came to Albuquerque five years ago and resided at 309 Wellesley, S.E. During World War II she served in the U.S. Navy as a WAVE.

Survivors include an uncle with whom she lived, four sisters and five brothers.

## SYMPATHY

To Donna Jeanne Glenn, 7222-3, for the death of her father May 17 in Fresno, Calif.

To J. C. Rayburg, 5223, for the death of his father.

To W. O. Smith, 2353, for the death of his father May 23 in Indianapolis, Ind.



VIGILANTES and these other ferocious-looking men are merely trying to enforce the no-shaving edict laid down by the 250th anniversary celebration officials. Dire things have been happening to violators—but only after the Kangaroo Court has reached a decision. Sandians who are Vigilantes, or who merely think the whole stunt is a good idea, include: back row, left to right, William E. Genske, 4152-3, Bill O'Neill, 5530, Adolf Sanchez, 2232-2, D. B. Sparger, 2234-1, T. A. Allen, 2231, and Wes Johnson, 2234-1. Front row, left to right, Howard Nicholson, 4151-1, Edward B. Davis, 2723, H. Tom Flowers, 2234, and John J. Dobias, 2231-3. The Duke City celebration takes place between July 4 and 14.

## Sandians Show Pioneer Spirit Preparing for 250th Festival

An opportunity to enter into the pioneer spirit of early day Albuquerque is being offered in the 250th anniversary celebration and newcomers as well as natives at Sandia Corporation are taking advantage of it.

In addition to the Queen of Albuquerque contest and growing of beards, sideburns and mustaches, the official functions will include the nightly performance of "Enchantorama," a parade, the Vigilantes, and various committees. It is upon these projects that numerous Sandians are focusing their talents, free time and just plain hard work.

A. I. Redlinger, 2713-4, and his wife, Gaylo, 2231-4, not only will take part in the parade and pageant themselves, but they intend to bring down about five saddle horses and a team of horses from their ranch 32 miles away in the Manzano Mountains. They will take several different parts—as cowboys and Confederate Army soldiers. Mrs. Redlinger complains, "I'll always have to be disguised as a man." Assisting them in the riding sequences will be Marilyn Swanke, 2713-4.

Helping organize the parade on the morning of July 4th is Dorothy White, 1460, who works on the committee which determines the line of march for the various floats, bands, and other entries, and will appoint the parade marshal.

One of the busiest men in the "Enchantorama" will be Dick Strome, 2463, who even now is having a hard time keeping track of which historical character he is supposed to portray at what time. In one scene he depicts James Magossin, early day Albuquerque trader and businessman.

Another time Dick is dressed in the buckskin attire of a mountain man, trading with the Indians. In still a third scene Dick portrays Father Gaspari during the inauguration of the first railroad station.

Men in the Photography Section, 2462-1, have shown particular enthusiasm in entering into the 250th observance. At least five of them will be in the pageant. Roy Dunlap, Tony Adler

and Jim Pennington will all be Union soldiers and railroad hands in two of the principal scenes.

Louis Erne will be a Union soldier and later don warpaint to be an Indian. Wally Boyes will act out the part of Governor Manuel Armijo, who served under both Mexican and Territorial rule.

Andrew Alderete, 4161, plays Abe Lincoln when the President presented canes to Indian chieftains marking the end of Indian warfare.

The whole family of Chuck F. Martin, 1225-1, will take part in the Indian massacre scene. Mrs. Martin is tending fire when the attack begins and their two boys are running away from the Redskins.

Another family entering into the action will be Mr. and Mrs. G. H. Donaldson, 1421 and 7225-5, and their three children.

When the Santa Fe Railroad finally reaches the pioneer town of Albuquerque John K. Wichelns, 4112-2, and his wife, Maureen, will be on hand to celebrate by dancing a sprightly Virginia Reel.

To covered wagon travelers on the Santa Fe Trail, Albuquerque was frequently a junction point for travel to the west and south. Charlie Clendenin, 5242-2, appears as a pioneer coming to the West via Albuquerque.

His wife, Betty Lou, builds a fire and cooks dinner while their six year old son Michael helps with the water and wood gathering chores. After a prayer of thanks for their safe arrival, the Clendenin's join others in a square dance. Another family participating in a square dance sequence is that of Frank W. Millikin, 1222-2.

The Vigilantes have already played an important part in publicizing the 250th Anniversary. In addition to conducting Kangaroo Courts where offenders of the no-shaving rule are suitably punished, three Sandians have joined other men in a really big job.

Ed Zachewicz, 2121-2, Elmer Pitts, 2152-1, and Omar Sensel, 2151, have been devoting recent Sundays to help paint the huge "250" figures on the hillside at

the mouth of Tijeras Canyon. When completed the numerals will be 100 feet high and 60 feet wide. Each lime solution-covered line is 21 feet in width. It's no easy job dragging the heavy hose into position for the paint job.

Busy with needle and thread are a number of Sandia women. Elizabeth White, 4131, is sewing costumes for her daughter's part in "Enchantorama" as are many other mothers.

Seven women are whipping up copies of old fashioned dresses which they threaten to wear to work sometime between July 4 and 14—the official observance days. They are Betty Frost, 1264, Leigh Hendricks, Ann McIntyre, Donna Martin, Helen Tuttle, Marjorie Endris and Evys Warren, all of 5125-1.

The sale of "Dukes" and "Señoritas" badges has naturally played an important part in the promotion of the anniversary. Some of the most active Sandians in this have been Gruine Robinson, 2464-1, Pat Anderson, 5241, Max Weber, 5120, and Leland Pierce, 7232-5.

## Dixie Dance Tomorrow At Club; Free Concert Scheduled July 8

Monty McLean and his Dixie-landers will bring a bit of old New Orleans to the Coronado Club tomorrow night with some real low down rhythms. Dancing will begin at 9 and last through 1 a.m. Admission price for members is 50c, \$1.00 for guests.

Doc Savage and his orchestra will strike up for a dance July 7 from 9 to 1. Prizes will be given to the three men attending with the best beards. Admission for members, 50c, \$1.00 for guests.

Nicolay Timofeyew, international operatic tenor, will present a concert at the Coronado Club July 8, beginning at 8 p.m. Mr. Timofeyew will be accompanied at the piano by his wife, Adelina Puccini, who was formerly piano soloist with the Albuquerque Civic Symphony Orchestra. The concert will be free to members.

A Ceaseless Flow of Information

# Reports Section Vital Part of Weapons Program



CONFERENCE on final draft of a technical memorandum about telemetering antennas is held by Art McMullen, 1412, and Kay Norton. On phone in background is Gloria Baca, vacationing replacement for Evelyn Abbott of Technical Memorandum group.



NEW BROCHURE for Department 1600 is reviewed by Ralph Fisher, Division head of 1621, and Bill Carstens, technical writer in 7223-1, who originated and wrote the brochure. Carstens assists Sandia engineers in preparing technical articles for outside use.

## Atomic Ordinance Engineering Calls for Vast Quantities of Scientific Writing by Sandians

Nineteen hundred years ago, a Roman military engineer named Sextus Julius Frontinus designed an aqueduct to bring water to thirsty Rome.

Called the Aqua Trajana, it carried 200 million gallons of water a day into the city, through mountains, over streams, into several thousand Roman homes.

The aqueduct was a brilliant engineering achievement for its time; but its engineer, Frontinus is remembered today because he wrote a description of his work which he called an "information report."

At Sandia Corporation such reports are an inseparable part of the job of engineering atomic ordinance. A ceaseless flow of technical reports, brochures, and engineering papers is being written and edited, by engineers, technical writers and editors within the Corporation.

Reports Section, 7223-1, plays an important part in this overall effort. The section writes management reports, keeps the minutes of several important committees, and expedites development reports through rough draft to publication. And, in addition it will gather material and write such reports from scratch, upon request.

An outstanding example of this cooperation between research engineers and technical writers is a brochure recently written by Tech writer Bill Carstens, 7223-1. The booklet, now being distributed, describes the consulting and testing services offered by Division 1621. Illustrations in the new booklet were done by Cecil Kinney, 2461.

The principal function of the group, says Lee Parman, supervisor of the section and editor of the Sandia Corporation Monthly Report, is to help the engineering organizations with their work.

By relieving these organizations of some of the tedious details in turning a rough draft into a finished

report, we are doing our bit to relieve the shortage of engineers and scientists.

"We like to think," says Parman, "that by specializing in this kind of work we are better able to insure that the quality of Sandia Corporation reports matches the quality of its other products."

Sandia Corporation engineers use two types of technical reports: a status report, which monitors the progress of a particular component from the original engineering idea to manufacture; and the problem report, which describes continuing research.

These reports are circulated within the Corporation but may also be sent to the AEC and the military where they act as interpreters of Sandia's role in the development of nuclear weapons. An example of the status report is the Sandia Corporation Monthly Report which reviews all of the Corporation's research and development activity. Assisting Editor Parman in this task is Bill Puder.

Other more specialized status reports are prepared by engineers to describe the current stage of development in each project. The rough drafts of these reports—about 60 are written each year—are helped through publication and sometimes written or edited by 7223-1, then submitted to the Special Weapons Development Board, a high-level independent committee which reviews plans and progress on all nuclear weapons.

Comprising the joint secretariat for the committee are A.D. Pempueller, supervisor of division 7223, and 1st Lt. A. K. Roesener of Field Command, AFSWP. Writers and editors who assist in preparing the development reports for SWDB include Tom Heaphy, Jack England and Dorothy Belmore. Minutes for other related committees are edited by Bob Dunlap and Betty Spieler.

Another demanding and challenging task of the Sandia engineer, Parman feels, is the writing of technical papers, which reflect the specialized research necessary to nuclear weapons development.

One recent example is a report on meteorology describing the radiological monitoring network set up by Sandia Corporation to keep track of a Pacific radioactive cloud as it drifts around the world thousands of feet above.

Many of these reports are published as classified Technical Memoranda for circulation within the official channels of the Corporation. Occasionally these are sent to other research laboratories throughout the nation.

Three hundred or more of these technical memoranda a year are prepared for publication by Kay Norton and Evelyn Abbott. Such papers contribute materially to scientific progress in physics, chemistry, engineering and other fields.

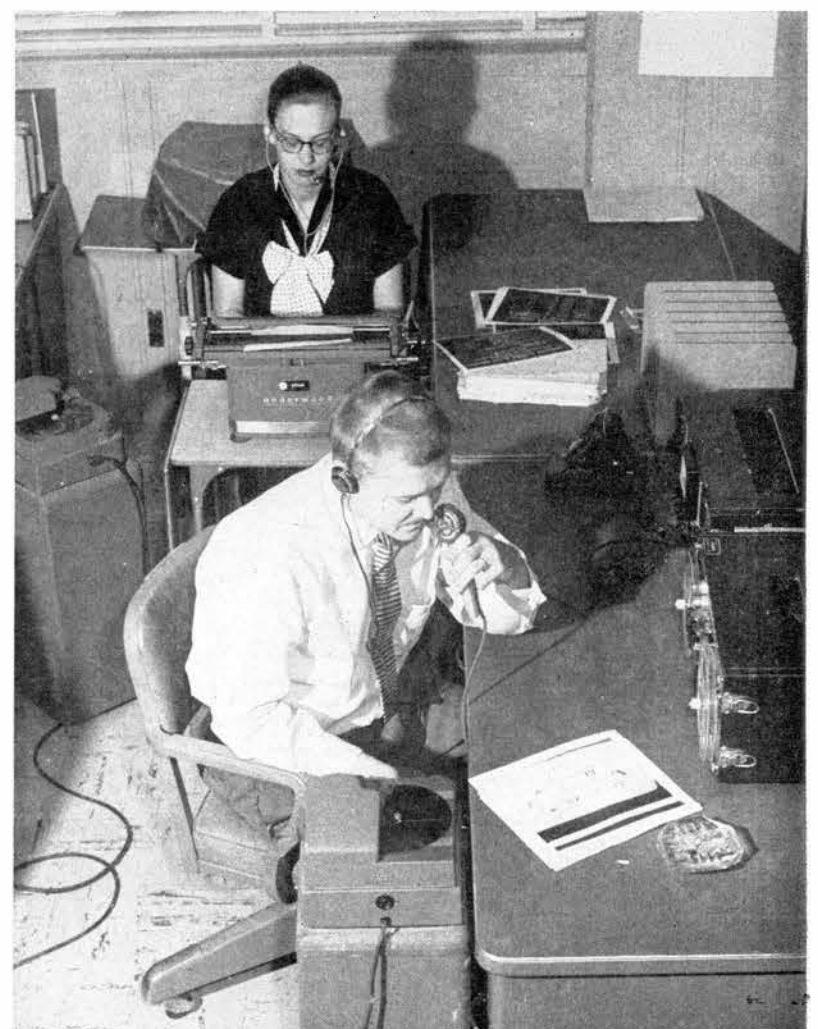
Another job of the Reports Section is assisting authors in the preparation of articles for submission to national technical magazines. Bill Carstens, who formerly taught technical writing at Iowa State University, and Pat Patterson assist in preparing such manuscripts, arranging for illustrations, etc.

They occasionally extract certain material from Sandia reports which may be of interest to the nation's industrial concerns. The material is published in official reports which are available through the AEC's technical information service.

Good technical articles and good reports, says Parman, are absolutely necessary to any R&D system as complex and important as the one to which Sandia Corporation belongs. "Anything we can do to help engineers keep information flowing freely," he says, "we'll do."



WRITERS of Sandia Corporation's Monthly Progress report are Lee Parman, section supervisor of 7223-1, left, and Bill Puder. A need to work closely with development and research engineers brings report writers to this huge room in Bldg. 880, shown above, where much of Sandia's weapon work is done.



SURROUNDED by tape recorders and transcribing equipment are Jack England, a technical writer, dictating a set of minutes, and Betty Ames, who prepares final draft of the report before printing.

# shopping center

**CLASSIFIED ADVERTISING**

**Deadline: Friday noon prior to week of publication.**

**RULES**

1. Limit: 20 words
2. One ad per issue per person
3. Must be submitted in writing
4. Use home telephone numbers
5. For Sandia Corporation and AEC employees only
6. No commercial ads, please

Next Deadline: Noon, July 6

## FOR SALE

- '53 FORD, Customline 8, Fordomatic, R&H, 31,000 miles. Hosterman, ext. 21147.
- WARDROBE, fibre, \$3.50; kitchen table, \$3. Schies, Alb. 5-3252.
- CARRIAGE, baby, collapsible, \$10; bassinet, pink dotted swiss skirt, \$15; Baby-Tenda feeding & play table, \$10. Riggs, Alb. 6-0845.
- RADIO & record player combination, RCA, console, holds 12 records, \$50; bicycle, boy's, 26", Schwinn, \$15. Vinovich, Alb. 9-1979.
- TRAILER, 2-wheel, good tires, \$30. Cossell, Alb. 6-7998.
- HORSESHOES, pitching, Gordon, tempers hard, medium hard & soft. Sparger, Alb. 3-5288.
- BATHINETTE, \$10; plastic pool, \$5; clothespoles, steel, 2, \$10; venetian blinds, 10, \$1 ea. Beach, Alb. 6-9666.
- 3-BR. HOUSE, 1 1/2 bath, dining room, w/b fireplace, air conditioning, h/w floors, central heat, FHA, GI financing. Hever, 927 Jefferson NE.
- 3-BR. HOME, brick, Hoffman, 2 baths, \$1500 down, leaving town. Robinett, Alb. 9-5139.
- 2-BR. HOUSE, attached garage, h/w floors, landscaped, walled, paved, newly decorated interior, gun-texted exterior, near bases, \$9,000. McConnell, Alb. 5-8373.
- 3-BR. HOUSE, Mankin, near schools & Sandia, corner location, attached garage, finished utility room. Dickinson, Alb. 5-7748.
- '50 FORD, Custom V-8, 4 dr., R&H, turn signals, new tires. Gregory, Alb. 4-3512.
- '56 DeSOTO, Firedome, 4 dr., 2-tone, Power-flight transmission, power steering & brakes, other extras, 6000 miles, \$3000. Atherton, Alb. 5-8065.
- '50 FORD TRUCK, 4-speed, 1/2 ton, \$525. Fay, ext. 34141.
- SHAVEMASTER, Sunbeam, \$12.50; play pen, \$7.50. Beatty, Alb. 9-3429.
- LAWNMOWER, power, reel type, Worcester, Briggs & Stratton engine, \$25. Temple, Alb. 5-7369.
- GOLF CLUBS, Richardson, Alb. 4-3082.
- GOLF CLUBS, beginners', 1 wood, putter, 2 irons, bag, \$5; tennis racquets, 2, \$1 ea. Fellner, Alb. 3-3878.
- WASHER, automatic, Coronado, '52, \$40 or best offer. Gianinni, Alb. 5-0282.
- WASHER, automatic, Bendix, \$30. Leierer, Alb. 9-2727.
- WASHER, wringer type, G.E., w/pump, \$65; laundry tub, cement, w/stand & fixtures, \$10. Gablehouse, Alb. 5-1020.
- WASHER, automatic, Westinghouse Laundromat, \$55; traverse rods, new & used, \$1 ea. Pliner, Alb. 6-1907.
- RADIO-RECORD changer combination, Silvertone, table model, automatic, 3-speed, \$40. Armstrong, Alb. 6-6555 after 5.
- DINING SUITE, blond, Chinese Chipendale, 6 upholstered chairs, breakfast, 2 serving chests, w/velvet lined drawers, 2 Chinese lamps. Galbreath, Alb. 4-4306.
- TAPE RECORDER, V-M Hi-Fi, matching bass-reflex speaker enclosure, \$223 value for \$159. Garrett, Alb. 9-0749.
- BICYCLE, boys', 20", \$5. Grey, Alb. 5-3470
- BED, Hollywood, full size, \$35; venetian blinds, various sizes. Olson, Alb. 9-1886.
- BED, roll-a-way, half size, mattress needs recovering, \$10. Thomas, Alb. 9-3838.
- HARDWARE, for garage door, pivot type, 1 set, \$8. Strome, Alb. 6-3469.
- RANGE, gas, apt.-size, \$20; dinette set, chrome, table & 4 chairs, \$20. Pinkerton, Alb. 5-2505.
- TRAILER, camping, 14', sleeps 5, Butane cooking & light, \$625. Courtin, Alb. 6-4603.
- SEWING MACHINE, portable, all attachments, \$30. Fox, Alb. 6-2606.
- RADIO, portable, new batteries; girls' Literary Guild books; reconditioned shaver; world globe, pedestal; refrigerator defroster; kitchen scales. Norwood, Alb. 5-4639.
- 3-BR. HOUSE, Hoffman, brick, 1 3/4 bath, FHA-GI, by owner. Mackie, 2618 Gen. Marshall NE.

- CRUTCHES, Canadian, never used, \$10; play pen, standard size, \$6. VanDelinder, Alb. 5-9324.
  - TRAILER, boat, \$45. Nissen, Alb. 5-5657 after 4:30.
  - RANGE, electric, 40", Philco, \$150. Rathbun, Alb. 5-3338.
  - BICYCLE, boys', 24", Hawthorne, good tires, \$15. Weber, Alb. 5-6811.
  - BATHINETT, \$5. Lohmar, Alb. 5-6546 after 10 a.m.
  - '48 OLDSMOBILE, 4-dr., R&H, hydramatic, good tires, new battery, \$225. Stephenson, Alb. 5-9822.
  - AIR CLEANER, heavy duty, oil bath, fits Olds 54-55 or 56, \$14. Aldrich, Alb. 5-6637.
  - TV-RADIO-PHONOGRAPH COMBINATION, 17" TV, mahogany, \$150; floor polisher, Regina, \$35 or trade for outdoor furniture. Ross, Alb. 9-1526.
  - FAN, electric, \$10; picnic table, benches, folding, \$6; mail box, \$1; table cloth, crocheted, \$25; gym suit, HHS, \$2. Kurlfink, Alb. 5-9968.
  - MOBILE RIG, complete, \$45; lawn mower, \$10; antiques, misc. Laskar, Alb. 3-1554.
  - PUPPIES, English Springer Spaniel, excellent disposition, AKC registered, 3 mos. old, black & white, \$60. Stearns, Alb. 9-3005.
  - 2-BR. HOUSE, landscaped, patio & barbecue, attached garage, utility room, built-ins, w/w carpet, optional stove, refrigerator. England, 3516 Smith SE.
  - BUGGY, collapsible, clean, removable basket makes into car bed, \$12. Roherty, Alb. 9-5780.
  - BABY CARRIAGE, Thayer, Steer-O-Matic, wind deflector, pad, mattress, \$25; tricycle, \$5; sawhorse, 7', painters' type, \$2.50. Goodman, Alb. 9-4719.
  - MOTORCYCLE, 1950 Indian Chief. Hollifield, 2508 June NE, ext. 51135.
  - 3-BR. HOME near Lee Acres, fireplace, hardwood floors, 1400 sq. ft., 1/2 acre, nearby schools, bus, shopping. Also steel file cabinet. Alb. 4-0483 after 6.
  - '51 PONTIAC Chieftain deluxe, one owner, Hydramatic, R&H. Barrett 1309 Garcia NE, Alb. 9-0127.
  - ROTARY MOWER, Disston heavy duty. Leaf mulcher attachment, uses standard sickle bar sections for blades. Loizeaux, Alb. 5-7774.
  - DOBERMAN PINSCHER puppies, AKC registered. Chandler, ext. 5-4286 after 5.
  - V.H.F. RECEIVER BC 639, 100 to 155 MC. Complete with power supply. Scates, Alb. 6-4740.
  - PONTIAC 8 four-door, R&H, 48 month guarantee battery, \$75. Williams, 4032 Comanche Rd. NE, Alb. 4-1000.
  - '50 OLDSMOBILE 98, 4-door, Hydramatic, signal seeking radio, low mileage, big heater, overhauled, good tires. \$495 or best offer. Craven, ext. 26285.
  - ELECTRIC RANGE, Westinghouse deluxe, fully automatic, color controls, deep well cooker, warming oven, high-speed burner, \$150. Allen, ext. 48170.
- MISCELLANEOUS**
- LOST: Masonic ring; neck slide; money clip; cuff link, bull fight; glasses, pinch nose glasses, sun, men's. Lost & Found, ext. 26149.
  - FOUND: Parker '51 pen; bracelet w/amber sets; lighter, w/golfer; Toastmaster's pin; Bracelet, Siamese; glasses, safety. Lost & Found, ext. 26149.
  - LOST, gold top Schaeffer pencil, initials PL, reward. Devaney, ext. 22159.
- WANTED**
- BICYCLE, boys', 20 or 22", in good condition, Adams, Alb. 6-7265.
  - TENT, Johnson, Alb. 5-5427.
  - TABLE, gateleg or drop-leaf, preferably small size, in good condition. Glass, Alb. 6-2485.
  - RIDER for trip to New York City, leaving Aug. 6, share driving & expenses; no speedsters. Betty Riggs, Alb. 6-0845.
  - RIDE from vicinity Candelaria & San Mateo NE to 880. Pauline VanDelinder, Alb. 5-9324.
  - RIDE from 3807 Hannett NE, Altura Add. to 800, or will join car pool. Higgins, ext. 45152.
  - RIDE or rider from vicinity Smith & Carlisle to gate 4. Chavez, ext. 22135.
  - RIDE from vicinity 504 Louisiana SE to 880. Mrs. Pettitt, ext. 55676.
  - RIDE from 1316 Quincy NE to Personnel Bldg. Donna Short, Alb. 5-9887 after 5.
  - RIDE or join car pool from vicinity Washington and Lomas to Bldg. 880. Vick Alb. 6-6120 after 5 p.m.
- FOR RENT**
- 2-BR. APARTMENT, 815 Edith SE, \$60 including utilities. Castillo, Alb. 3-5482, or 5-7898.

## Undefeated 2500 Leads League...

# Dan Grimm Pitches No Hitter

Dan Grimm pitched the first no-hit game this season in the Sandia Employees Softball League against 2500 last week. Grimm and his 2500 team remain the only undefeated team in the league with a 10-0 record.

Pitcher Grimm struck out 17 in a full 7 innings against 2500. Final score was 16-2; the two runs on errors. Losing pitcher was Wally Jungmeyer. Roland Pyetzki was the big bat for 2500 with one homer and 2 singles.

Team 2100 went down to 2500 with a score of 11-5 and 1200-II bowed 9-1 in recent league play. Grimm allowed only 2 hits in the 1200-II games and struck out 14.

2200 walloped all opponents in its last three games to hold second place in the league with a 9 won, 1 lost record. 2500 went down 25-15; 7400 down 19-8 and 5100, 23-2.

2200 relies on the slugging power of its "murderer's row"—Jim Kelly, Larry Callahan, Sam DeHaan, Bob Bailey and Walter Cihak who lead the scoring for the team.

Third place 2400 appears the dark horse of the league. In recent games the team defeated 5100 by forfeit and 1400 went down 9-6.

Pitcher Cliff Rudy of 2400 seems to pose the threat to the first and second place teams. John Souza, assistant manager of 2500 told the Lab News, "I look for trouble with 2400 strictly on the basis of Cliff Rudy's ability. Although I think the game will be a pitching duel between Rudy and Dan Grimm, it could be Rudy's hitting as well as pitching that decides the game."

League leading 2500 will meet 2400 on Wednesday, July 11, at 6:45 at Sandia Base Softball Diamond B. Then 2400 will tackle second place 2200 Monday, July 16. 6:45, Diamond B.

Bob Bailey, manager of 2200 said, "2400 and 2500 are definitely the teams to beat. I think 2400 will be the toughest team for us to beat because of the stellar pitching of Cliff Rudy. He has a tremendous drop



Cliff Rudy —a dark horse, double threat—

which will strike out 8 to 10 of our batters."

2500 will face 2200 the last night of the season, Wednesday, July 18 at 6:45 at Diamond A. These last three games between the league-leaders will be the deciding games of the league.

STANDINGS:

| Team    | Won | Lost | Pct.  |
|---------|-----|------|-------|
| 2500    | 10  | 0    | 1.000 |
| 2200    | 9   | 1    | .900  |
| 2400    | 7   | 2    | .778  |
| 1200-I  | 7   | 3    | .700  |
| 1400    | 6   | 4    | .600  |
| 5200    | 6   | 4    | .600  |
| 1600    | 5   | 4    | .556  |
| 7400    | 5   | 4    | .556  |
| 1200-II | 5   | 5    | .500  |
| 4100    | 4   | 6    | .400  |
| 2100    | 3   | 6    | .333  |
| 3100    | 3   | 6    | .333  |
| 2700    | 3   | 7    | .300  |
| 7200    | 3   | 7    | .300  |
| 5500    | 1   | 8    | .125  |
| 5100    | 0   | 10   | .000  |

## Stop-Go Trouble?

# Traffic Lights Think (Almost) To Speed Traffic from Base

Sandia motorists using the North Gate will be interested in the following explanation of traffic lights at the Wyoming-Central intersection.

A steady, unbroken stream of traffic is the secret of gaining maximum green light time without a break at the intersection of Wyoming and Central avenues, according to Eugene Nelson, Albuquerque Traffic Safety Coordinator.

The traffic light is controlled by a sensitive computer that allows a maximum of one and one half minutes green time for the di-

rection of the heaviest traffic, Nelson said. To gain this advantage at rush hours from the base, traffic needs to approach the signal without a break, without lagging. More than a three second interval between cars will switch the advantage to Central Avenue traffic.

This has resulted in Sandia cars being lined up all the way back to the gate, he said. If the driver of a single car stops to buy the evening paper or waits for another car to cross in front of him, the light changes, no matter how few cars have gone through on the green.

The Safety Coordinator is not advocating bumper to bumper driving. "Just regular intervals between cars and regular speed at the approach to the light will assure smooth operation of the computer," he said.

The intersections at Gibson and Ridgecrest and Gibson and Truman streets are similarly controlled, Nelson said.



## Golf League At Halfway Mark

Team 2 of A Flight and Team 5 of B Flight lead the Sandia Employees Golf League at the halfway mark of league play. Walt Dzugan, 3122, secretary, reports.

The matches are played on a handicap basis, three points at stake for each match. Handicaps are being readjusted for future matches, Dzugan said.

A tournament is being planned for the week end of July 21. It will be open to all Sandia and AEC golfers.

C. C. Fornero, 7329, R. P. Crabb, 5242, and R. W. Angus, 2331, are the members of Team 2 A Flight.

F. A. Kohut, 2352, R. S. Nelson, 7421, and N. T. Jones, 2451, are members of Team 5, B Flight.

STANDING:

| Team            | Points Won | Lost  |
|-----------------|------------|-------|
| <b>A FLIGHT</b> |            |       |
| 2               | 10         | 2     |
| 8               | 8          | 1     |
| 1               | 8          | 4     |
| 4               | 5          | 7     |
| 9               | 3 1/2      | 5 1/2 |
| 5               | 2          | 4     |
| 3               | 2 1/2      | 6 1/2 |
| 6               | 2 1/2      | 6 1/2 |
| 7               | 3 1/2      | 8 1/2 |
| <b>B FLIGHT</b> |            |       |
| 5               | 7 1/2      | 1 1/2 |
| 2               | 5 1/2      | 3 1/2 |
| 3               | 8          | 4     |
| 6               | 5          | 4     |
| 9               | 7          | 5     |
| 8               | 4          | 5     |
| 10              | 4          | 5     |
| 4               | 1          | 8     |
| 7               | 3          | 9     |



**TENNIS ANYONE?** Recently registered for the Sandia Employees Tennis Association women's tennis ladder are Joann Graham, AEC, and Jean Rowland, 2461. Open to all Sandia and AEC employees, both a men's and women's ladder are being formed.