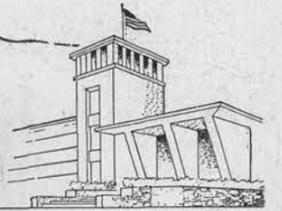


Sandia LAB NEWS



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

Vol. VI, No. 18

ALBUQUERQUE, NEW MEXICO

AUGUST 27, 1954



Photo by Dunlap

THREE MILLION man-hours, and more, were worked by employees of Sandia Corporation without a disabling injury. Donald J. Leehey, left, Manager of the Atomic Energy Commission's Santa Fe Operations, earlier this week presented Timothy E. Shea, Vice-President and General Manager of Sandia Corporation, with the AEC's Award of Honor for the accomplishment. Sandia Corporation is the only SFO contractor which has earned the Commission's highest safety award.

Sandia First To Earn Top AEC Safety Award of Honor

The Atomic Energy Commission has granted its Award of Honor for industrial safety to Sandia Corporation. A plaque emblematic of the achievement was presented earlier this week by Donald J. Leehey, the Commission's Manager of Santa Fe Operations, to Timothy E. Shea, Vice-President and General Manager of Sandia Corporation.

The Award of Honor is granted by the AEC to those of its AEC offices, contractors, and sub-contractors that work 3,000,000 or more man-hours without a disabling injury, or that substantially reduce injury rates throughout one or more entire calendar years.

Sandia Corporation is the first AEC Santa Fe Operations contractor to achieve the Award of Honor. The Corporation's injury-free work period began here on December 9, 1953, and lasted until March 26, 1954, when a packer tripped over an electric extension cord. During that period Sandia Corporation employees piled up a total of 3,057,441 man-hours without a disabling injury.

In presenting the Award of Honor

plaque, Mr. Leehey pointed to Sandia Corporation's safety record both as evidence that accidents do not "just happen" and as evidence of good working conditions, thoughtful management, efficient foremen, and intelligent workers.

Following are the remarks made by Mr. Leehey when the presentation was made to Mr. Shea:

"I am very gratified to present this Award of Honor by the United States Atomic Energy Commission through you to the personnel of Sandia Corporation in recognition of Sandia's recent remarkable record of safety achievement.

"This plaque testifies that Sandia Corporation has operated 3,057,441 man-hours of effort over a period of more than three months elapsed time without incurring a single disabling or lost-time injury to any employee. This record is the equivalent of 1,500 men and women having worked a full year without a lost-time injury.

"This record, while enviable in a statistical sense, means even more when translated into the safeguarding of human life and health for the community, the avoidance of crippling disabilities by family bread-

winners, and dollar-and-cents saving in compensation payments or costs to the Government.

"Sandia Corporation's fine record adds new evidence to the fact that accidents are avoidable—that they don't 'just happen'—that they can be minimized or entirely avoided by the adequate application of proper safety measures.

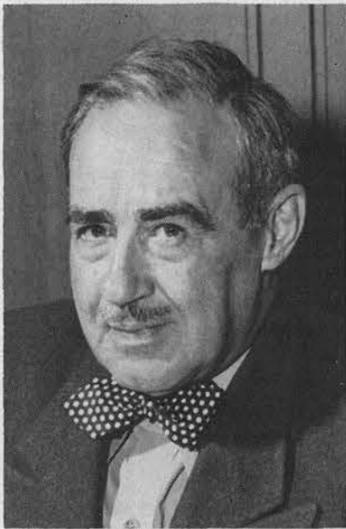
"In the same sense that accidents actually are induced, that they result from improper working conditions and thoughtlessness of the workers and their supervisors alike, so is Sandia Corporation's new safety record a very real endorsement of its management, the working conditions provided, the alertness and competence of its foremen, and the intelligence and training of its employees. It is particularly a tribute to the foremen—those who issue safety instructions and maintain safety practices at the working level, those upon whom the success of any safety campaign will depend.

"When you advise the employees of Sandia Corporation as to this honor which has been awarded them, please offer them our congratulations for this evidence of their intelligence, their ability to cooperate, and their obviously fine morale — without which such a record would not have been possible.

New Assignment Announced by SFO For A. E. Uehlinger

A new assignment for an official of the Atomic Energy Commission's Santa Fe Operations Office has been announced.

A. E. Uehlinger has been appointed Contract Administrator for the contract under which Sandia Corpora-



A. E. Uehlinger

tion operates Sandia Laboratory for the AEC. He will report to Daniel F. Worth, SFO Assistant Manager for Development and Production.

A 1922 graduate of the U. S. Naval Academy and a Rear Admiral, Retired, he held important assignments in ordnance production, both afloat and ashore during World War II.

Before joining the AEC, Admiral Uehlinger commanded the Bureau of Ordnance Instrumentation Group in Joint Task Force I during the 1946 atomic demonstrations at Bikini, and also commanded the Naval Ordnance Missile Test Facility at White Sands Proving Ground from June, 1950, to June, 1952, when he was retired.

He joined the AEC in November, 1952, as Assistant Manager of the AEC's Sandia Field Office here and held that post until a recent reorganization of Santa Fe Operations eliminated that office. He and his wife live at 900 Hermosa Place NE in Albuquerque.

Notice

All dependents of AEC, SFO personnel who need temporary or permanent Sandia Base passes are advised to report to the AEC Pass Office in Bldg. 800 (Adm. Bldg.)

Summer Military Training Ending For Guardsmen

Thirty-five Sandia Corporation employees are included in the 3500 civilian soldiers completing training with the National Guard at Ft. Bliss, Tex., this week.

These 35 Sandians are among the 125 employees who have attended National Guard camp or have been on short tour of duty as members of Armed Forces reserve organizations this summer.

Training by these Guardsmen and reservists has been in Texas, Colorado, Oklahoma, Louisiana, Wyoming and Washington, D. C.

Speakers for Fall Colloquium Series Have Been Named

Announcement was made this week of the fall schedule for the Sandia Colloquium Series, held Wednesday mornings in the basement conference room, Bldg. 802, at 9.

The schedule will feature these speakers:

Sept. 1, Millard Barton, "The Application of Orthogonal Functions to Problems Arising in Mechanics."

Sept. 15, Darrel Hughes, "Non-linear Elasticity and Thermodynamics of Solids."

Sept. 22, K. O. Friedrichs, (subject to be announced).

Sept. 29, Glen Owens, "Characteristic Theory and the Solution of Problems in Fluid Dynamics."

October 6, Maurice Goldhaber, "A New Unstable Particle."

October 13, John M. Walsh, "Equation of State in Metals."

October 20, Gene Rose, "Foundations of Mathematics."

October 27, Wright Langham, "Biological Effects of Massive Doses of Gamma Radiation."

Name Staffers of 'Tech Activities'

Ken Overbury, 1312, has been appointed managing editor of TECH ACTIVITIES, bulletin of the New Mexico Council of Technical and Scientific Societies. Appointed advertising manager was Charles Barnard, 1631.

TECH ACTIVITIES is a monthly publication of the Council, and reports meeting notes and other items of interest to member organizations.

K. W. Erickson to Serve on Special Washington Group

Kenneth W. Erickson, 5130, will spend the next six to nine months in Washington, D. C., where he will be a member of the Weapons System Evaluation Group (WSEG) of the Department of Defense.

The group is in the organization of Donald A. Quarles, Assistant Secretary of Defense for Research and Development.

Mr. Erickson has been manager of Sandia Corporation's Weapons Analysis Department for three years. He has been at Sandia for five years, coming here from Los Alamos Scientific Laboratory. He earned a Ph.D. degree from the University of Texas.

His new work in Washington will be in systems analysis and operations analysis.

S. H. Dike, 5133, will be acting department manager of 5130 during Mr. Erickson's absence.



K. W. Erickson

Extend Deadline For Red Feather Slogan Contest

Prizewinners in Sandia Corporation's Red Feather slogan contest will be announced in the Sept. 10 issue of the SANDIA LAB NEWS.

Leo Dunn, 1284, publicity chairman for the Community Chest Campaign at the Corporation, announced that the deadline for slogan entries has been extended to 4:30 p.m. Sept. 3.

Here's what you do: write a short slogan appropriate for the Red Feather Drive which starts Oct. 5. Use your imagination, good judgment and bear in mind the Community Chest's general slogan: "Give the United Way."

All entries must be received in Mr. Dunn's office, in 1284, by the above Friday deadline.

First, second and third prizes for the winning slogan are a silver cream-and-sugar service, a fitted case with comb and brush, and a Rite Point table lighter. The awards will be given by the Coronado Club from among bingo prizes.



Tom Hanna

Tom Hanna to Be Coordinator of Chest Campaign

The Corporation's 1954 Community Chest Committee last week named Tom B. Hanna, administrative staff member in 4232, as the Coordinator for the Red Feather Campaign which opens at the Laboratory October 5.

Tom's duties will consist of work with team captains and solicitors, liaison with the downtown Community Chest administrators, and collaboration with the Corporation's chairman in charge of solicitations, Luther J. Heilman, 2400, Superintendent of Plant Services.

Special Community Chest headquarters will be set up next week in Room 108 of Bldg. 802 where the new Coordinator may be reached for information at ext. 23158.

Special Events Put on Club Calendar Include Square Dance, Hi-Fi Concert

Another bonus for Coronado Club members is the free Square Dance to be held Sept. 24 from 8:30 to 11:30 p.m. Guests will be assessed the usual fee of \$1 per person, but Coronado Club members in good standing will be admitted free.

The Square Dance takes place a short time after the weekly Social Hour when special low refreshment prices prevail, and Chef Schultz

serves up his low-priced Chef's Special of French fried shrimp or pot roast of beef for \$1.25 per person.

A semi-classical and classical hi-fidelity record concert will be staged for two hours on September 14 by the Sound Engineering and Equipment Company of Albuquerque.

All Coronado Club members and their guests are invited to attend this demonstration of high-fidelity music reproduction.

SANDIA LAB NEWS

Friday, August 27, 1954

Published every other Friday for the employees of Sandia Corporation, contractor to the Atomic Energy Commission.

Editor, Robert S. Gillespie
Assistant Editors, Maxine Ethridge, William H. Puder

Photography by Photographic and Reproduction Division

Contributions should be in the office of the Sandia Lab News, Employee Services, Training and Public Relations Department, Bldg. T-301, before noon of the Friday prior to day of publication.

Telephones: Sandia Base Extension 25253 or 26135



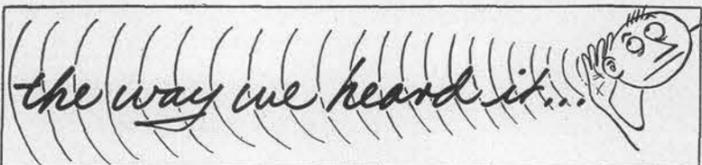
Who Is a Sandian?

The word "Sandian" may mean everyone who lives or works on Sandia Base to people downtown, but to those of us who refer to each other by that term, it means a Sandia Corporation employee. It's a handy contraction for news writing and conversation, but it will never be widely used except in the "family", because Sandians would far rather be "Albuquerqueans". And, for the most part, they are.

They are proud to be working in a program of vital importance to the national defense; they are glad to be a part of a young and dynamic organization that places a premium on ideas and initiative; they feel a keen responsibility to safeguard the classified information with which they work. But when they step out of the Tech Area at night they step quickly into an amazing variety of off-duty activities as citizens of Albuquerque.

Quite a number of Sandians are newcomers—from all the other 47 states, the District of Columbia and several Territories. But their interest in the community is far from passive. Their adopted home town was chosen deliberately by each of them, and their affection for it grows with the passage of time. They are injecting new blood into the community, participating in scores of worthwhile civic, social, spiritual and educational activities.

In future issues of the Lab News we will pay tribute to many of the Sandians who, as Albuquerqueans, are filling positions of leadership in the community. If you know of someone who should be cited, pass the information along to your departmental reporter or call the LAB NEWS desk, Ext. 25253.



Wotta Friend!

A month ago Bob Jacob, 5524, came back from Juarez with a new friend. Proud he was of the newcomer and all his friends met Ludwig Von Beethoven II. Bob's friends cared not a whit to meet Ludwig Von Beethoven the first. He's a boa constrictor, too.

The Incorruptible

Headed back into building 802 after a hasty purchase at the refreshment stand, a flustered young lady handed the security inspector her change instead of her badge. "Sorry," said the genial gentleman, "you can't buy your way in here."

Five Years Ago

New employees at Sandia included: C. K. Reed, Waneta J. Wright, Dean S. Wise, Cecil L. Page and John P. Cody. . . . An all-Laboratory picnic was scheduled for Aug. 27 at Cienega Canyon. . . . Paul House was selling a rifle for \$30. . . . The issue of Aug. 26 was

Their co-workers in 4131 extend wishes for a speedy recovery to Inez Boyles who underwent surgery recently and to Betty Van Gundy who is also recuperating from an operation at her home.

Philomene Hempten, 4222, is vacationing in Denver, Colo., this week where her husband, Claude, formerly of 1916, has completed his graduate work in speech at the University of Denver. They'll return in September when Claude will join the faculty at the University of New Mexico.

No. 12 of Vol. 1. . . . "Sergeant York" was showing at the Base Theatre and an egg-throwing contest was scheduled at the picnic mentioned above—"for department managers only."

Collector's Item

That prolific author, Anonymous, turned out a couple of stanzas some time ago which have appeared in numerous publications. For those who keep scrapbooks of verse, here it is:

Isn't it strange that princes and kings,
And clowns who scamper in sawdust rings,
And common folk like you and me
Are builders all, for eternity?

To each is given a book of rules,
A shapeless mass and some working tools,
And each must build for himself alone
A stumbling block or a stepping stone.

From 1641: Gordon DeSato vacationed in Mesa Verde, Colorado, and Taos, N. M.; Charlie Tucker took a holiday in Colorado; Mary Ray Houston vacationed in Yellowstone, Yosemite and San Francisco.

Their co-workers in 5512 say they're awaiting invitations to visit Dan Rauch and Tom Ogden in their new homes! Don spent a week's vacation moving into his new place at 816 Vassar SE. Tom is busy now getting established in his new abode at 2210 Valencia.

Robert E. Yoder, 4135, vacationed with his family recently, visiting Mesa Verde, Silverton, Ouray and Pike's Peak in the Mile-Hi state. Wally Nott, 4135, and his family enjoyed the famed "Aqua-tennial" celebration while on vacation in Minnesota.

Marvin Barrett, 4135, and his family planned a visit to Niagara Falls during their current trip to New York State. Marion Tucker, 4135, and his family vacationed this year in Texas.

Robert Sturdevant has returned to 4135 after spending a week in Chicago.

Los Angeles and vicinity are the vacation headquarters this month for the Herman Chavez family. Herman works in 2234. When D. B. Sparger, 2234, took a summer holiday he headed for the Chama area for a good catch of trout.

Mary, 2531, and Howard Reid, 5421, drove to Kansas City recently to visit Howard's mother prior to her departure for Iceland where she will be employed for 18 months.

Bob Silva entertained his co-workers in 2532 at a potluck dinner and dance at his home recently. Honorees were C. B. Gangwer and Helen Halldow.

Dottie Blalock, 2534, took time off recently to entertain visitors from Long Island, then spent a few days with her mother in Oklahoma City.

Theo Chaveau, 2551, and her three children returned to Peoria, Ill., for a family reunion. They also visited in Chicago.

News from 1932: Lorraine Medina is spending a two weeks vacation visiting her sister in Kansas City; Peggy Pinkerton is spending her two weeks vacation visiting Las Vegas, the Grand Canyon and Los Angeles.

Oscar Cassada, 2124, and his wife vacationed in Franklin Park, Ill. The Ralph McClure and Jim Wade, both of 2111, families vacationed in California visiting points of interest in Arizona on the return trip.

Walt Perkowski and his wife spent a week's vacation in Las Vegas, Nev., recently.

Vacationers in 1700: Carl Denney and his family spent a busy few days moving into their new home at 1813 Illinois NE; Gaynor Atkinson drove to Salt Lake City to visit his parents; Irv Broverman is flying to Pittsburgh; Zona, 4222, and Mack Hamm, 2463, are touring Colorado and fishing in likely spots; Mary Strickland also vacationed to move into a new home at 3001 Conchas St. NE; Morrie Gowdey and his family took a holiday at their cabin in the Sandias, entertaining Morrie's father from Oregon.

Clarence, 1284, and Claudine Sproul, 2471, were notified that their son, David, was graduated from the Naval Training School at San Diego.

James Ketner, 5522, vacationed recently at Prescott National Forest, Parker Dam and Iron Springs, all in Arizona. Wayne Miller, 5522, has returned from a trip to Illinois where he visited friends and relatives. Pat Dixon, 4222, enjoyed a stay in the Ozark Mountains in Arkansas recently.

Anxiously awaiting the completion of their new home now under construction at Bridge St. and Coors Rd., are Shirley Siman, 4222, and her husband, Vic, AEC. The typical southwestern style house is of adobe with Vega ceilings.

around the departments



CURT BIGGS and friend: This 42-pound Salmon was caught in Monterey Bay off the coast of California where Curt vacationed this summer. The folks in that region told Curt, 1650, it was the largest salmon bagged this season. In addition to the weighty salmon, Curt's deep sea fishing catch included a large yellowtail and a small, but obstreperous, octopus.

His co-workers in 1644 surprised papa-to-be Jim Fisher last week with a bevy of gifts in a stork shower.

Catherine Anesi, 4131, is accompanying her mother on a motor trip to Chicago and points of interest en route.

Vacationing in Atlanta, Ga., with her parents this month is 6021's Shirley Crow.

Anne Michele, 2331, attended a family reunion recently at the XIT Ranch near Dalhart, Texas. Highlight of the occasion was a big rodeo.

Vacationing from 2331 was Danny Neff who golfed, did lots of swimming, and took a fishing jaunt to Bluewater Lake.

A. F. Cone, 5510, took in the wonders of Mesa Verde, Colorado, on a brief vacation trip. Ardelle Chambers, 5512, visited our neighbors south-of-the-border in Chihuahua recently.

Harlan P. Kelsey, 5512, is visiting in Missoula, Montana, and the Jackson Hole country. Dale Massey, 5512, spent a week's holiday in El Paso and Silver City.

Jean Richmond, 5512, returned to her former home in New Jersey. Ben Russo, 5512, vacationed in Philadelphia.

Vacationers from 5513 include E. H. Morterud to Wisconsin, Herman Goldenberg fishing in Colorado, Daphne Tripp relaxing at home and Frank Feery taking his sons to Connecticut.

Nelson T. "Pop" Jones, 2451, was among the officials at last week's National Jaycee Junior Golf Tournament at the University links.

Walter Smith, 2452, is driving a new Mercury, a by-product of his vacation to Oklahoma City.

News from 2332: Wally Warren spent several weeks visiting relatives in Central Illinois and in Wisconsin. Russ Leahy returned to his boyhood home at Raton, N. M., for a vacation, stopping to visit friends on a ranch near Chama.

Dorothy Matlack, 1644, vacationed in Denver and Ruidoso, Frances McCord visited Carlsbad Caverns while on a holiday from the same division.

Vacationers from 5524: Al Wyer and Leo Flores and their families drove to Chihuahua, Mexico, for a week's stay; Ed Hockett is enjoying a week of mountain climbing with the Colorado Mountain Club; the Robert Garretts have returned from a week's rest in Durango; Edith Jolly is at home readying her son and twin daughters for their return to school.

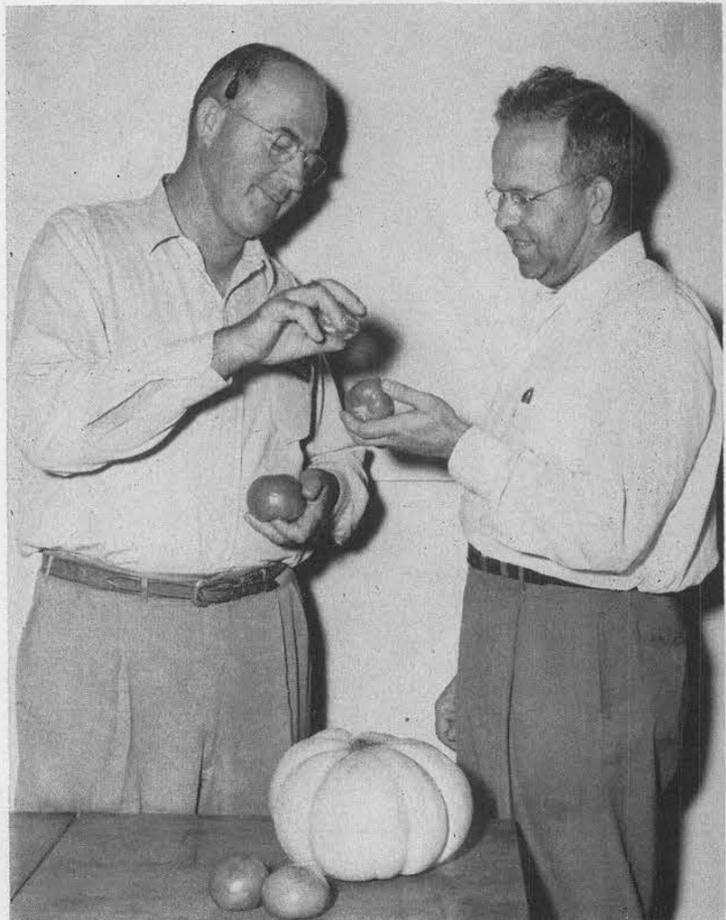


Photo by Dunlap

WILBUR SCHAFFER'S gardening technique paid off in record fashion this season and he brought some of the vegetables to prove the point. Above he adds some salt to a tasty tomato, about to be downed by Loyle Baltz, who works in 5215 with Wilbur. The muskmelon in the foreground weighed in at 10 pounds, 6 ounces, with a circumference of 30 inches. Wilbur may "deepfreeze" the melon for entry in the New Mexico State Fair.

WEEKEND Vacationer

Volunteers Undertake Refurbishing For New Mexico Boys' Ranch

Editor's Note:

Another example of the interest of Sandians in the plight of the less fortunate is the spontaneous offer of help to the New Mexico Boys' Ranch. Their generosity is further proof of that fact that Sandians take their citizenship seriously.

The project started by Sandia volunteers banding together to help renovate New Mexico's Boys' Ranch south of Albuquerque, like Topsy, "grew and grew."

"Some of us talked it over one day," Ed Davis, 2562, explains. "We had read about the ranch so we decided to go over on a Saturday or two and help spruce it up."

"The Boys' Ranch was organized several years ago to accommodate boys from broken homes. It's not a correctional institution. Originally it could accommodate 200 boys. Not

Work This Saturday

Volunteers to work at Boys' Ranch this Saturday are welcome to join the party which will leave by bus from Sixth and Central at 7 a.m. Men with all skills are needed and work will also be scheduled for Saturday before Labor Day and on Labor Day. For further information call Bill Leverenz at home, 5-7064, or Ed Davis, at home, 3-2060.

too long ago there were 80 boys there, now there are only 21.

"Well, news of what we were planning to do spread to other Sandians and pretty soon we had all kinds of help . . . plumbers, electricians, carpenters, and folks from downtown, too."

"Bill Leverenz in 2151 is coordinating the thing, and we have had

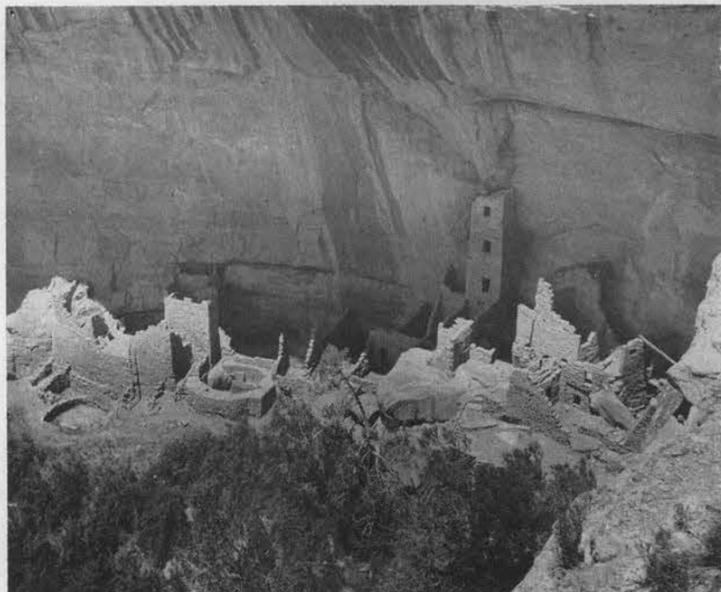
calls from merchants offering materials. The bus company contacted us, too; said they'd furnish transportation to the ranch."

The volunteer Sandians figure if they're going to do anything at the ranch, they may as well do a thorough job of it and plans are shaping up this week for all-out effort in the immediate future.

Women are asked to help on the refreshment detail. A "field kitchen" for the workers is being planned.

Recently, Ed and Bill, accompanied by Jack Redburn, 2541, Clark Campbell, 1631, and Al Aldrich, 2152, toured the ranch and conferred with the superintendent and the head of the board of directors.

"They showed us the buildings and the grounds, and we could see there is a lot to be done," Ed says. "With all the volunteers we should be able to furnish a good re-conditioning job for the ranch."



MESA VERDE (Green Table) is 282 miles from Sandia Base—a perfect weekend trip into a culture hundreds of years old.

Mesa Verde Still Has Remains of Indian Culture Which Flourished 700 Years Ago

This is another in a series of articles suggesting short weekend vacations for Sandians who enjoy the Southwest. Each trip may be made in one to three days and each trip is to a well-known tourist attraction—right in our own "back yard."

Labor Day visitors to Mesa Verde may drive their cars to the edge of the knife wall which overlooks the main ruin. Other car tours may be taken along the 17 miles of roads in the 50,000-acre National Monument, discovered in 1888.

Good hiking trails thread the canyons and dry washes. But horses and pack saddle trips may be arranged at the Main Lodge.

Rooms are available. Prices vary from \$3.50 single to \$7.50 double, with each additional person, \$1.50, depending upon the accommodation desired.

Sandians who drive up in station wagons or with camping gear may set up camp beside the ruins. Water and firewood are plentiful.

When visiting the brooding relic, first establish camp, or reserve your lodge room or cabin. Later, visit the Museum where the story of the Stone Age structure is told in displays and guided tours. Then hike down the steep sandy paths to the ruins itself.

Watch the late sun gilding the square mud-daubed bricks, dusting the towers with lonely shadows. At once, you'll stand in a timeless world, where violet and gold and sand-brown spirits roam the old "stompin' ground" of Mesa Verde as the desert sun goes down.

Where at sunset the shadow of Sleeping Ute Mountain falls blue and cold on the high mesa country near Cortez, Colorado, red-streaked cliffs are livid under the evening sun. Fat pines and juniper toss purple shades in the twilight, and across the Canyon a man-made wall soars into the soft sky.

This place the Navajos call Mesa Verde.

Each hot twilight breathes unquiet life into the best preserved prehistoric ruin of the atomic West, Mesa Verde, or Green Table in Spanish. It is named for the forests of junipers which reach away to the horizon, still green and numberless as blades of grass.

Located 282 miles from Sandia's North Gate on N. M. Highway 44, the ruin is huddled beneath hulking stone cliffs. Tier upon tier of ash gray stones climb skyward, most of them hewn and laid a thousand years ago by descendants of Asiatic tribes.

The Indians who built Mesa Verde in ancient times once crossed the storming waters of the Bering Straits. They drifted southward over the creeping passage of the centuries, until in 1276, they settled in the crags and rough-hewn canyons that engulf Mesa Verde today.

These unknown desert dwellers were of a high level of culture. Their social organization and technical skills excelled most of the known desert tribes of their times. They possessed an intricate and complex form of government. They possessed a form and design of architecture unequalled in pre-historic times, and with their skill, they reared the massive ruins which constitute Cliff Palace, Spruce Tree Ruin, Rock Ruins, and Long Canyon House.

There are 200 dwellings or house units and series of units, in which the clans or social divisions of the tribe—there were 23 of them—lived their separate and distinct lives. Visitors may stroll through the living quarters and rooms where ancient man lived his brief hour.

Mesa Verde Indians were a husky and physically-attractive race. They tilled the sandy soils of the Montezuma Valley, ran cattle, and grew corn in irrigated fields.

Coin Collectors Invite Visitors To Monthly Meetings

The New Mexico Coin Club will meet in the basement of the Chamber of Commerce Building, 319 Fourth St. NW, at 7:30 p.m., Monday, Aug. 30.

Harry M. Hunter, 2551, is president of the club. Other Corporation employees who are active members include R. C. Jackson, 1622, Charles E. Katzanberger, 1924, Roland L. O'Trimble, 1333, Malcolm H. Groll, 4233, Larry Meissen, 2152, and Charles Rettinger, 2151.

The club extends an invitation to all Sandians who are interested in coin collecting to attend the monthly meetings. Any of the above members will furnish information to interested persons.

Fighter Squadron Seeks Pilots for NM National Guard

Here's your chance to fly for Uncle Sam. This time you can live at home and train with the New Mexico Air National Guard. Sandia employees who are flying with the 188th Fighter Squadron report that more pilots are wanted by the squadron.

You are eligible to join if you have been a pilot in the Navy or Air Force and are now in reserve with a pilot rating. There are other arrangements for men who have certain other qualifications, but are not reserve pilots.

For further information contact Ken Sarason 1631, Dan McKnight 1910, Ken Finders 2443, Jim Stark 1261 or Earl Holcomb 1283.

Sandian Transfers To Lincoln Shops Western Electric

A. H. Spengeman, manager of the Auditing Department, 4130, has been transferred to Lincoln, Nebr., effective Sept. 1, where he will be the Assistant Superintendent of Accounting, Inspection and Works Service, Lincoln Shops of Western Electric Company.



A veteran of 20 years' service with Western Electric Company, Mr. Spengeman came to Sandia in November, 1949, from the Hawthorne Plant in Chicago. His first assignment was head of the Cost Accounting Division.

He later headed the Budgeting Reports and Plant Accounting Division and was then named manager of the Cost Accounting Department. In November, 1953, he was appointed Manager of the Auditing Department.

Sandia Gun Fan Subject of Story In Gun Magazine

The 1955 edition of "Gun Digest," issued this month, includes a picture of a completed gun and stock created by Dale Goens, 2124.

Dale, whose gunstock carving was featured in an article last fall in the SANDIA LAB NEWS, still follows his hobby at his home in Cedar Crest.

The gun shown in the publication has an Hawaiian Koala wood stock with fancy inlays and checkering. Dick Hodges, photographer in 2462, took the picture for the magazine.

Caravan Clubbers to Seek Hidden Transmitter, Air Sports Car Race

Amateur Radio Caravan Club of New Mexico will stage another of its monthly hidden transmitter hunts on September 8.

"Losing" the transmitter will be Harlow Beene, W5ZSL, of Sandia's 2122-1.

Tentatively scheduled for September's Caravan meeting is a tour of the 34th Air Division Headquarters and radio operations shack at Kirtland Field.

Caravan Club members are reminded of the Fort Sumner Road Race, sponsored by the Albuquerque Sports Car Club, to be held on the concrete runways of the Fort Sumner Municipal airfield.

The 15 Caravan Club members who will attend the meet will "assemble" on the air at 8 a.m., on September 12, leaving about that time to arrive in Fort Sumner at 11:15.

The group will travel in caravan, and will be on the air for the 160-mile trip at 3838 Kilocycles. For the race, members will tune to 29.6 kilocycles.

A Victory Banquet will be held that evening at Fort Sumner for sports car fans and Caravan Club members.

On September 18, the Club has scheduled a television appearance over KGGM-TV, on the program: "In Your Defense." The show is being produced by Kirtland Field public information office.

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

coronado club



August 27-September 11

					Fri., Aug. 27	Sat., Aug. 28
					Social Hour 4:30-6 Square Dance 8:30-11:30	Informal Juke Box Dance
Sun., Aug. 29	Mon., Aug. 30	Tues., Aug. 31	Wed., Sept. 1	Thurs., Sept. 2	Fri., Sept. 3	Sat., Sept. 4
Buffet 5-7 MBC Trio 6-10	Chess Night 7:30-10:30	Special Dinner \$1.25 Potted Swiss Steak	Bingo 8 p.m.	Duplicate Bridge 7:45-10:30	Social Hour 4:30-6	Informal Juke Box Dance 9-11
Sun., Sept. 5	Mon., Sept. 6	Tues., Sept. 7	Wed., Sept. 8	Thurs., Sept. 9	Fri., Sept. 10	Sat., Sept. 11
Lunch At The Cool Snack Bar Today	Chess Night 7:30-10:30	Special Dinner \$1.25 Pot Roast of Beef	Ball-Room Dance Instruction 8-10	Duplicate Bridge 7:45-10:30	Social Hour 4:30-6 ERNIE FIELDS Orchestra 9-11	Informal Juke Box Dance 9-11

EVENTS

Name Captains to Lead Red Feather Drive in October

Luther J. Heilman, 2400, Deputy Chairman of the Sandia Corporation Community Chest Drive, has announced the 11 team captains who will help organize and carry out the solicitation scheduled for Oct. 5 and 6.

Walter E. Treibel, 1335, is captain for 1200, 1300 and 1900.

Harry B. Evans, 1633, is team captain for 1600 and 1700.

Cedric H. Senter, 2122, has been named team captain for 2100.

Jack Benson, 2222, will captain teams in 2200, 2470 and 2440.

Henry Strauss, 2320, is captain for 2300 and 2460.

Hardy Simmons, 2410, will captain teams in 2410 and 2450.

Richard L. Ballard, 2611, is to act as captain for 2500, 2610 and 2620.

Arnold Schuknecht, 3152, has been named captain for teams of 3100 and 6000.

William E. Prekker, 4151, is to captain teams of 4000.

Howard E. Viney, 1521, will be captain for 5100 and 5500.

Kenneth A. Smith, 1916, has been appointed captain for 5200, 5300 and 5400.

Names of squad leaders and solicitors will be reported in an early issue.

Ernie Fields Band Returning to Club Friday, Sept. 10

Ernie Fields' Orchestra, America's Sweetest Swing Band, plays an engagement at the Coronado Club ballroom the night of September 10, from 9 p.m.-1:00 a.m. Tickets are \$1 per person, and guests, \$2.



Ernie Fields

Featuring a unit of world-famed instrumentalists, Ernie Fields' Orchestra specializes in symphonic swing, classic Dixieland, and an easy blues and be-bop style. Fields is famed for his rhythmic song style, which in the 20-year history of the band, has never changed.

Fields will feature a musical history of Dixieland jazz, during his one-night stand at the Coronado Club, tracing the growth and rapid spread of American jazz over the years. The orchestra was an outstanding attraction at the Club Oct. 3, 1952, and a huge crowd is anticipated for this return engagement.

The Coronado Snack Bar will be open the night of the dance. Hamburgers, frankfurters, and hot coffee will be served.

Welcome!

Newcomers

A welcome is extended to the following newcomers who joined Sandia Corporation between August 5, 1954, and August 16, 1954:

Wentzel W. Wagoner	1326
Keith D. Nelson	1340
Mary E. Norden	1544
Frederick E. Hackett	1551
William K. Dolen	1612
Jeanne C. Barger	1641
Betty R. Lambert	1641
William H. Honeman	1641
Anthony F. Todaro	1722
Betty L. Shaum	1924
Lucille M. Sullivan	2122
Vess J. Hopper	2124
Carmel Pugliese	2151
Rexford A. Rozelle	2151
Weldon M. Toon	2151
Edward F. Winczkowski	2151
Anita E. Warnick	2221
Anne E. Carter	2362
Elvin C. Demaree	2417
Alice M. Fitzerald	2461
Clyde L. Sorrell	2461
Helen A. Bailey	2464
Helen L. Gambrel	2464
Lorraine M. Ramsey	2553
Horace Moore	2553
James R. Storey	2562
Myrtle C. Brown	3160
Dorothy P. Alderman	3162
Lois H. Anderson	4131
Mary G. Wheat	5120
Robert Kulterman	5140
Benjamin F. Davis	5214
Marion D. Wickham	5215
Alphonse R. Iacoletti	5242
Harold C. McCray	5300
Harry Mason	5330
Hobson E. Houston	5310
Elwood F. Ingledue	5412
Peter J. Komen, Jr.	5413
William F. Harrison	5513
Peter Szeman	5520
Robert V. Neighbors	5542

★ Coronado Pool to Close Next Week; Has Record Season

Another summer swimming season comes to a close September 6, as Coronado swimmers put their suits in mothballs for another year.

The Coronado Pool closes for the season at 7 p.m., the last day of the Labor Day week-end. It is scheduled to reopen early in the spring of 1955.

More than 8000 admissions were tallied at the Coronado pool this year, Charlie O'Keefe, Coronado president, reports. The 1954 swimming attendance is the largest in the 4-year history of the club pool, and represents a considerable increase over last year's patronage figures.

Dinner Meeting for AIEE Members, Wives, Planned for Aug. 30

A pot-luck dinner and ladies night will feature the first meeting in September of the American Institute of Electrical Engineers, John Ansley, 1652, publicity chairman, has announced. The affair will be August 30, at 6:30 p.m., at the Southern Union Hospitality Center.

Chief speaker for the meeting is Dr. W. M. Fleck, professor of biology and psychologist at the University of New Mexico. He will speak on "The Calendar."

Dr. Fleck is a well known psychologist listed in Who's Who in American Scientists, and Who's Who In The West.

He is known as an excellent lecturer and after-dinner speaker.

Members of the AIEE and their guests are asked to bring their food to be served buffet style.

On September 14, the AIEE will hear a talk given by E. S. Kipp, chief of the water meter department of the New Mexico Public Service Company. He will speak on "Arriving at the Watt Hour." Time of the meeting is 7:30 p.m., place: Public Service Company Center, 4201 Edith St. NE.

Mr. Kipp is recognized throughout the state for his work in electric calibrations and measurement.

Group to Organize For Discussion of Philosophy Topics

Plans are underway this month to charter the "Sandia Philosophical Society" which comprises personnel from Sandia Corporation and professors and students from the University of New Mexico.

Professor Archie Bahm, department of philosophy, UNM, is assisting in launching the society. Two Sandians who may be contacted by prospective members are Craig Hudson, ext. 33238, and Robert O. Ferner, ext. 34141, both of 5112.

around the departments

Art Hopper vacationed in the Land of Enchantment during his holiday from 4153 and reports you don't have to motor very far from Albuquerque to see lots of scenic beauty.

Jim Miles was food chairman and Emile Whittingham was transportation chairman for the 3170 picnic held August 14 at Doc Long's Picnic Grounds on the Sandia Loop Drive. After lunch the picnickers participated in an afternoon of volleyball, horseshoes, baseball and general "gabfest."

Vacationers from 1641 include Allen Brewster who went to California, and Don Locke who spent his annual holiday in Colorado.

Colorado drew another member from 1641, Jim Dempsey, who is vacationing there now. John Bahlman, 1643, is now enjoying a visit to Indiana.

Planning Sandia Registration for College Classes

Registration for fall classes for College of St. Joseph on the Rio Grande will be held Sept. 9 at the Sandia Base I and E Office, and at Kirtland Air Force Base I and E Office.

The classes are open to all civilians as well as military personnel and all are offered for credit leading to a degree.

The evening term, which runs for a period of eight weeks, will open the evening of Sept. 13 in Bldg. T-32, Kirtland Field, where meetings will be held Mondays, Tuesdays and Wednesdays from 6:30 to 8:30 p.m. and from 8:30 to 10 p.m.

A new term begins immediately after the first eight-week period and it is possible under St. Joseph's plan for a student to earn six hours of college credit each eight-week course.

Persons interested in enrolling at the College or attending the special evening classes may inquire at the school or at either Sandia or Kirtland I & E Offices.

Faculty Members To Tell of UNM Evening Classes

Prospective students in undergraduate and graduate evening courses during the University of New Mexico's next semester will have a chance to discuss courses at a pre-registration get-together with faculty advisors at the Coronado Club, Monday, Sept. 13, at 7:30 p.m.

The session is primarily for the graduates and undergraduates interested in credit courses but non-credit extension courses will be discussed also. Military personnel from Sandia Base and Kirtland Air Force Base have been invited to participate.

Following a general meeting the group will divide into sections dealing with particular courses.

Registration at the University will be Sept. 17 and 18.

Golfers Prepare For Play-offs on University Course

Close of links play in the Second Round of the Sandia Employees Golf Association found Team No. 5 of "A" Flight in first place. In "B" Flight, Team No. 2 took top standing.

Playing with Team 5 in "A" Flight were Dick Kidd 1283, John Olsen 1622, and John Puhara of 1143-3. Team members of Team 2, "B" Flight were Ken Foster 2232-1, Fred Silva 1622, and Dennis Chavez 2211.

The four top-seeded teams of the season's league play: Teams 2 and 5 of "A" Flight, Teams 3 and 2 of "B" Flight, will be paired in the championship play-offs, scheduled for the University of New Mexico course.

Team pairings and play schedule will be announced at a later date.

Other Sandia golf news was the recent play-off between Sandia Corporations links-men, and a team from Los Alamos, played on the Los Alamos course.

Sandia's John Puhara posted lowest round, though Los Alamos came ahead the winner, 33 points to 21. A return match will be played on the University of New Mexico course in the near future. All Sandia Golf Association members are invited to participate.

Sympathy

Her co-workers in 3120 express their sympathy to June Foehr who was called to West Virginia last week to attend the funeral of her brother, fatally injured in an airplane crash.

Sympathy from 2100 is expressed to Ray Gorning for the death of his father in Chicago.



RICHARD JACKSON and a southwest version of the "Ming Tree."

Hobbyist Scatters Interests Widely; Now He Collects 'Pint-Sized' Trees

In a section of the country where major effort is required to get trees to grow at all, Richard Jackson, 1622, makes a hobby of keeping them small.

Down through the centuries ruling emperors of Japan fancied petite, small scale gardens and to accommodate the tastes of their overlords, Japanese gardeners evolved a method of dwarfing trees to fit into the miniature scheme.

It is a process of bi-monthly pruning of limbs, tops, and a cautious trimming of the major roots. Water and sunlight in limited quantities also are part of the recipe for pint-sizing a tree.

Big Secret

But all of this was secret and closely guarded by the oriental nurserymen. "Ming" tree development passed only from father to son.

Then, not many years ago, the process intrigued the western world and discovery of the rather simple processes was announced in this country.

Dick Jackson heard about it, wrote to a firm in California for literature, and took off on another hobby.

Now, standing less than 24 inches high and planted in pots or coffee cans are many varieties of fully matured miniature trees in the Jackson's den and patio. The small, but healthy trees include date palms, red cedar, Colorado blue spruce, long leaf pine, apricot, Chinese elm, and a

Japanese pine Dick started from seed.

American Mings

American-type "Ming" trees are not Dick's only hobby. He collects antiques and coins, too.

Pointing out a graceful silver tea service in his home, Dick indicated the inscription. It was a set presented to his namesake, Richard Jackson, a great uncle, honoring him for originating railway mail service.

Other family heirlooms in the Jackson home at 3008 Marble St. NE include an ornate chair more than 100 years old, a doll carved from one piece of wood with movable arms and legs, a china-closet filled with delicate Haviland and porcelain "pretties," lots of odd silver pieces among other treasures handed down from relatives.

And the coin collection? It all started back in '40 when Dick worked in the Panama Canal Office in Pittsburgh, Pa. Another engineer there got him interested and he started his own fine collection which now includes a three-legged buffalo nickel (In case you're wondering why the three legs, Dick explains that something went wrong with a die at the mint and a limited number of the odd nickels were turned out before the error was corrected.)

All interesting, but not too demanding are these avocations, Dick asserts. But you have a feeling he's casting his thoughts around for a try at another engaging hobby.

Nuclear Science Group to Hear Dr. John Cooper

The Nuclear Science Professional Group of the Albuquerque-Los Alamos Section of the Institute of Radio Engineers will meet Sept. 1 at 8 p.m. in Room 121, Mitchell Hall, on the University of New Mexico campus.

Speaker for the evening will be Dr. John Cooper, Sandia Corporation, whose subject will be "Producing and Determining Nuclear Reactions."

Dr. Cooper is Associate Professor of Physics at Ohio State University, and specializes in research on low-energy nuclear reaction.

Dr. Cooper received his Ph.D. in physics from Cornell University in 1940 and has taught at the Universities of Southern California and Oklahoma.

For the past few years Dr. Cooper has spent the summer in the research organization of Sandia Corporation.

A manufacturing firm in Philadelphia is now marketing to uranium prospectors a pocket-sized geiger counter. It's about the size of a package of cigarettes. (Wall Street Journal)

Bowling Bits

An organization and "get together" meeting of the Ladies Jewellete Bowling League will be held at the Coronado Club, September 7, at 7:30 p.m.

All interested lady bowlers are urged to attend.

Jewellete bowling begins September 14, at the Coronado Lanes at 6:30 p.m.

The pre-season Bowling Tournament, formerly scheduled for the period August 30 to September 12, has been cancelled, it was announced today.

Open bowling will be conducted during this period, from 6 p.m. to closing at the Coronado Lanes.

After the beginning of the winter season on September 13, open bowling will be held only on Saturdays and Sundays, from 1 p.m. to 6.

Art Randall, 5521, was elected president of the Minor Bowling League recently to succeed Carl Frantz, also of 5521. Frank Batchelor, 2232-2, was chosen vice-president, and Bob Jacob, 5524, secretary-treasurer.

The Minor League season gets under way at the San Mateo Lanes on September 10 at 6:30 p.m.



Bonnie P.



Frank D.



Eduardo M.



Mary Ann



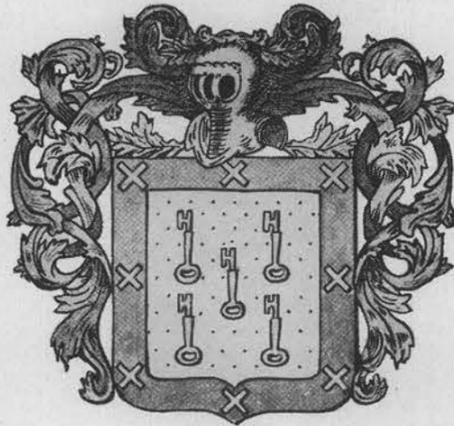
Anthony N.



Julian B.



Carmel J.



Chavez



Tommy



Eugene



Maurice S.



Jose A.



John



Santiago



Laurence J.



Louis J.



Charlie



Eva



Gabriel



Hermenes



Eduardo M.



Emilio



Dennis S.



Fidel S.



Phoebe B.



Julian J.



Antonio J.



Leo



Jose S.



Filomena C.



Edward E.



Teddy



Amado U.



Frank E.



Paul A.



Manuel A.



Johnny



Jose J.



Isais



Joaquin Elisio



Solomon



Piffia



Louis R.



Herman

Story sources found in El Palacio, April, 1948, from an article by Fray Angelico Chavez, Twitchell's HISTORY OF NEW MEXICO, and UNM ARCHIVES.

Chavez . . . Historic Name Still Makes History

The name of Chavez, outnumbering the Jones and Smiths in the Albuquerque city directory, has a history to delight the genealogist and arouse the pride of those who descend from the original clan.

Here is the record, as told by the historians, of the famed Chavez name.

Hard by the Tamega River in northern Portugal, lush fields are dotted with maize stalks and oats

and yellow splashes of ripening grain growing heavy and brown under the warm sun.

But, for the most part, the province of Tras-os-Montes is a sombre land. Black lava rocks and wind-scrubbed mesas line the dusty rutted roads, and forgotten chateaux crumble in the dank growths of juniper and pine.

Through this ill-favored countryside in 1160 marched the rabble le-

gions of Garci and Rui Lopez. Sixteen-year-old brothers, both were fired by an intense nationalistic fever, and had gathered three thousand angry peasants about them to make a last-ditch assault on fortified Chaves town, held captive by the Moors. Where the King himself and the royal armies had failed, the Lopez brothers now essayed an almost hopeless storming of the stoutly-defended village, lying too quiet and sullen under the Moorish guns.

In shadow of the walls, Rui ran out the green and red banner of Portugal. Garci flaunted his sword to the hot sky, and as the scaling

hooks rang on the worn stones, the 16-year-old generals screamed at their followers to fight and die.

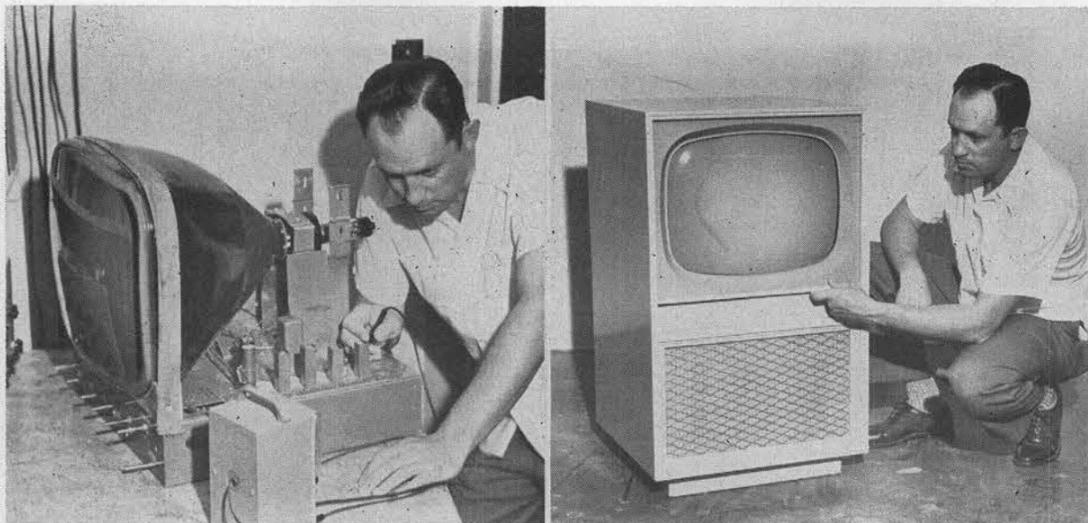
Later, smoke turned slowly skyward from a hundred Moorish strongpoints, and Ruiz and Garci held the town.

When they brought the incredible news to Lisbon, King Henrique I was overjoyed. He jumped up and down in the palace throne room, crying aloud: "Boys, mere boys," he shouted. "But warriors all. For their courage, call them Lopez no longer, but Chaves, in honor of the town."

The Chavez family of New Mexico—among whom are numbered the 48

Chavez of Sandia Corporation and AEC—finds its honorable beginnings in the knighting of the Lopez niños more than 700 years ago. But unlike the Portuguese branch, the New Mexico Chavez is spelled with the "ez". The Portuguese still use the "es" ending, derived over the centuries from Old Castilian and Portuguese plurals for "keys", and the Latin "claves".

Today, Sandia's Chavezes are part of a group involved in accomplishing a new mission. This time they are helping storm the ramparts of the unknown, helping man to better understand military uses of the atom.



TESTING HIS FINAL assembly of a 20-inch television set is Chuck Martin, 1324. Entire set was drawn up, wired, and constructed by Martin in home workshop. Right: He prepares for drilling and installation of master control console on front of set.

TV Intricacies No Mystery

Charles Martin of 1324 is a forthright and direct young engineer who believes in getting to the heart of a problem with as little loss of time and effort as possible.

This penchant has led him, at the present time, into the complex "innards" of a 20-inch television set which he is building himself: cabinet, works, wirings, and all.

Chuck says there's nothing to it. He has been drawing diagrams, wiring resistors and tubes, and hand-rubbing his TV cabinets since 1949 when he first put together a small but wholly effective 5-inch television unit.

Up to 12 Inches

This initial effort soon expanded into 12 inches, when Chuck's family began to experience a severe eye-strain. "Nothing wrong with the set," he explains hastily. "But

an illuminated postage stamp is hard on the eyes."

At the moment, he is rapidly completing a massive 20-inch apparatus complete with limed oak cabinet, "hi-fi" speakers and amplifiers. In the finishing work required on the cabinet, he has developed a new finish process which will interest other Sandia cabinet-maker hobbyists.

Chuck mixes Duco color with lacquer, then sprays it directly on the wood. The process produces a very durable coat that is resistant to alcohol, fruit juices, and other acid liquids.

Work Schedule

He sets aside weekday evenings from 7 to 10 for his work, but he has judiciously restricted his once busy weekends to picnics and family outings, because Mrs. Martin likes to see her husband once in awhile.

Mrs. Martin's concern is understandable.

Chuck in his "spare" time has whipped up a professional dark-room—he took the self-photos for this article—a high-fidelity radio-phonograph, a garage workshop, and has long since forgotten innumerable additional projects.

Like many Sandians, Charles Martin feels that he saves money at his hobby. Into his present television set—which he built from salvage components to plans drawn up by Frank Hover—he has put out some \$120 (and ninety man-hours) but the resulting television cabinet—in both appearance and performance—is well above commercial \$400-\$500 price standards.

"It's not the money," says the versatile engineer. "It's the satisfaction."

The Inquiring Reporter Asks . . .

Have You A Suppressed Desire?

REBECCA DONALDSON, 2464: The Chamber of Commerce here probably won't think much of this, but I'd like to live in Denver, Colorado.



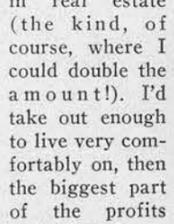
The climate, the scenery, all the fishing and hunting close by, everything about the Mile-High city impresses me. I attended Colorado University in Boulder for awhile and visited Denver a lot. Perhaps if I ever have the chance to live in Denver, or some place in Colorado, I'll finish my college work.

VELDA MESSERSMITH, 2451: I'd like to be a writer. This fall I'm going to take Colonel McCormick's writing course and see what I can do.



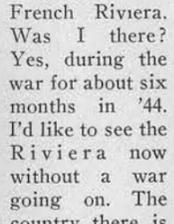
Ever since I was in fifth grade in school I've been writing poems or lyrics—don't keep them, just throw them away—but now I think I'll go ahead seriously. Some friends of mine in California encouraged me while I was out there on vacation this summer; they read a few poems and lyrics and told me to get busy. Anyway, it's fun to try.

GEORGE L. PACHECO, 2352: I'd like to have a quarter of a million dollars. Then I would invest it in real estate (the kind, of course, where I could double the amount!).



I'd take out enough to live very comfortably on, then the biggest part of the profits would go to charity. I'd give to the Cerebral Palsy fund, the Boys Town in Nebraska, all kinds of worthy causes.

ELMER WHITE, 1612: Offhand I can't think of a thing unless it would be to spend a couple of years on the French Riviera.



Was I there? Yes, during the war for about six months in '44. I'd like to see the Riviera now without a war going on. The country there is beautiful and the people are very nice. It'd be a plush garden spot to vacation in, but if I had my way (and my suppressed desire!) I'd vote to spend a couple of years at least.

Doctor's Fast Work Restores Heart Beat Of 17-Year-Old Girl

The Marion Lantz family is feeling most thankful this month for the medical know-how that saved their daughter August 10.

Marion, 2152, rushed 17-year-old Alice Mae to the hospital that evening where doctors decided to perform an emergency appendectomy. At the end of the operation Alice Mae suffered a cardiac arrest and only quick action by her physician saved her life.

He opened the chest cavity and massaged her heart to restore normal functioning.

Alice Mae has been recuperating at her home, 400 Valencia Dr. NE, and the physicians tell her family they believe her recovery from such an ordeal is one of the fastest they know of. Alice Mae, a senior at Highland High School, is returning to school this week.

Ed Kerl President of Major Bowling League

Officers elected to head the Sandia Base Major League for the new winter bowling season include Ed Kerl, president, 2221-1, James Leonard, 2544-2, vice-president, and Leroy Hassebroek, 1542, secretary-treasurer.

Major League bowlers meet at the San Mateo Lanes each Wednesday night, beginning September 8, at 6:30 p.m.

Bowling this year will be conducted on a scratch basis. No handicaps will be used.

ASQC Meetings to Resume September 9

The American Society for Quality Control will hold its first meeting of the winter season at Mitchell Hall on the University of New Mexico campus, September 9 at 8 p.m.

Chief speaker and program are to be announced later.

Promotions

JACK R. SUBLETT to supervisor of division 2521. Before Jack came to the Corporation in February, 1951, he was employed by General Electric Co. at various plants in the East. The six years preceding his move to Albuquerque were spent in Nela Park, Cleveland, Ohio, where he worked in GE's lamp development laboratory. Jack has an industrial engineering degree from Texas Technological College at Lubbock. Recently he received his professional engineering license from the State of New Mexico. He is a veteran of the U. S. Navy during World War II when he saw destroyer duty. Jack is a past president of the Sandia Toastmasters Club.

DAVID S. CARRICK to supervisor of section 2551-1. David was born in London, England, and came to the U. S. in 1929 as a youth. He accepted employment in a fancy leather goods shop in San Francisco where he worked for 12 years. David joined the U. S. Navy during World War II and taught in radar school at Treasure Island for three years. He entered the University of Colorado after the war, graduating in 1949 with a B.S. degree, and went on to the Massachusetts Institute of Technology for a year's study in electrical engineering. Prior to joining Sandia Corporation in May, 1952, David was employed by the Bureau of Reclamation in Billings, Mont.

Amateur Photogs Take Top Honors In Local Contest

Two Sandia Corporation amateur photographers were among the grand prize winners in the Albuquerque Journal's photo contest which closed last week.

David Webb's picture of his small daughter, Mary Claire, took top place in Class A, and Claude Waldorf's story-telling photo of a cowboy and his horse took first in Class B. David is in 1215, Claude in 2124.

Others whose photo entries won first in the seven-week contest were Frank Grubbs, 4233, Don E. Wanner, 1621, and Henry Strauss, 2310. Frank's entry was in Class A, a shot of his small son Geoffrey taken during the family's summer holiday in Yellowstone Park.

Henry's winning picture was of Jemez Soda Dam, and Don's a study of his young daughter, Nancy Elizabeth, relaxing under a beach umbrella.

The grand prize winning photographs are to be submitted to a National Awards Contest where they'll compete with entries from participating newspapers in the United States and Canada.

Toastmaster Club Nominees Chosen

Last evening's meeting of the Sandia Toastmasters Club featured announcement of the nominating committee's selection of candidates for club officers for the coming term.

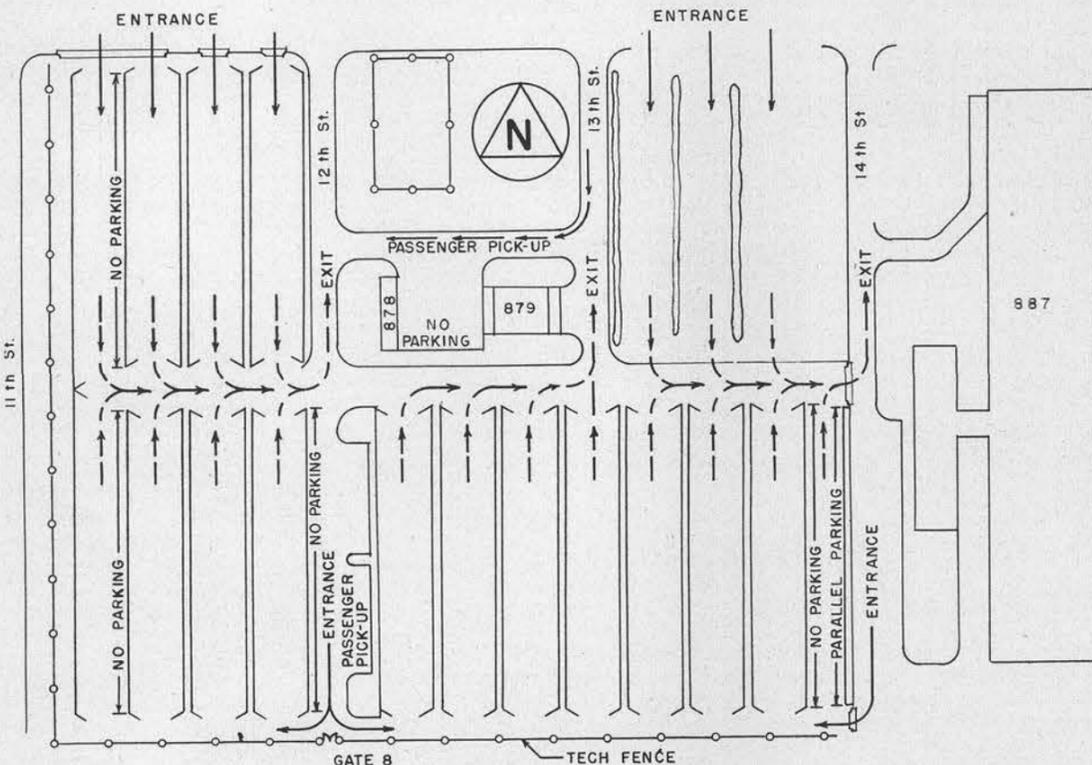
The names included, for president, Earl H. Craven 2443; Eugene K. Gardner 1322; for vice-president, John C. Cunningham 1342, Arthur Russell 1643; for secretary, John F. Salazar 2533, Monroe J. Willner 1632; for treasurer, James R. Wimbrough 2531, Robert J. McConkie 1341; for sergeant-at-arms, Earl B. Massengill 1651, J. P. Wakeland.

The nominating committee was E. Lee Deeter 1340, Eugene H. Copeland 5312, and Jack R. Sublett 2521.

SFO Editors Meet

Industrial Editors from companies doing contractual work for Santa Fe Operations of the Atomic Energy Commission met in Los Alamos this week. The seminar was arranged by the Information Office of SFO and consisted of editor round table discussions and talks by various officials of the AEC.

Representing Sandia Corporation at the meeting were Ted B. Sherwin, supervisor of Public Relations, and Robert S. Gillespie, editor of the SANDIA LAB NEWS.



NEW PARKING facilities will be available about August 30 for Sandia drivers who will use the area north of Building 880. Plant Engineering Department has reported the resurfacing of the lot will be completed by that date. Following are some tips given drivers who will put their cars in the near area:

- 1 Obey signs and direction signals.
- 2 Park only in designated areas.
- 3 Do not back onto parking places.
- 4 Enter and exit through proper ends of lot as designated in sketch.
- 5 Drive slowly.
- 6 Walk to your car using paved space between car rows.

The hungrier they come—
The better they like 'em

Their Business - Appetites

"We're not in business to make a profit," says John S. Taylor, Sandia Corporation restaurant manager; "we only want to give tasty, nourishing food, quickly, and have our restaurant pay its own way."

That simple statement of Mr. Taylor's lies behind a spotless, efficient, busy (we could add more adjectives) kitchen which in turn is behind three cafeterias operated by Sandia Corporation.

The skill, training and experience involved in feeding more than 500 people a day (most of them in the

period of one hour) is a story within itself. To tell the tale of the people who do the job the SANDIA LAB NEWS took a cameraman to the restaurant's kitchen and took a series of pictures—and aroused a vigorous appetite.

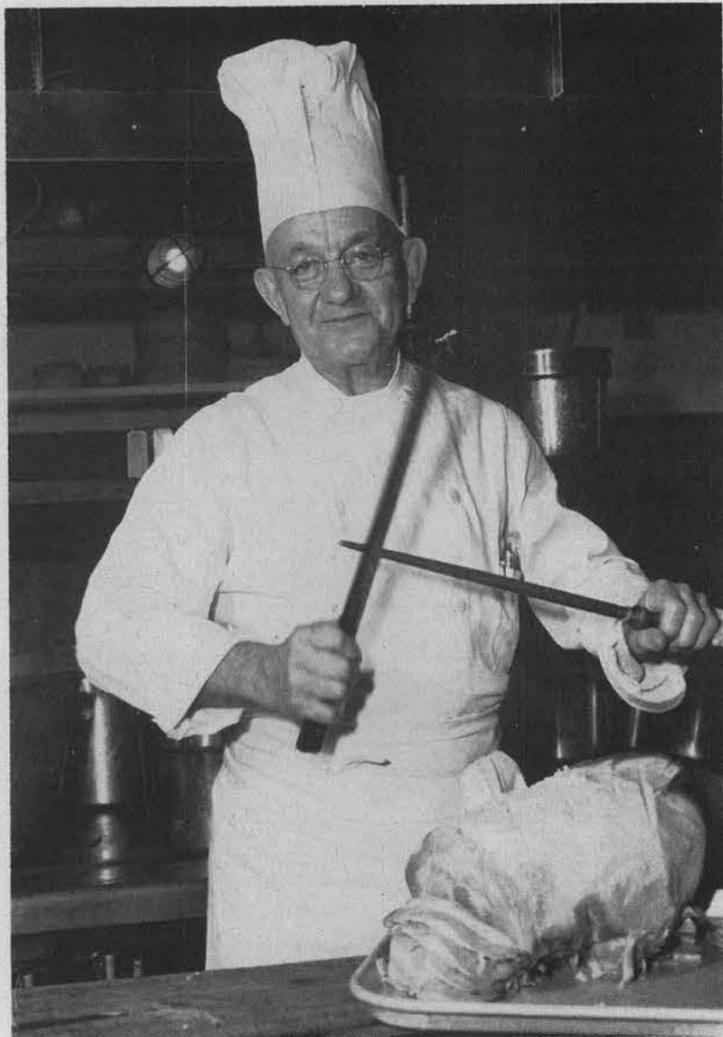
What was found in that kitchen was fascinating. Premium grade meats, enticing pastries, fresh salads, hard working people, and of course that demanding hunger for some of the beef, a piece of pie and a tossed green salad.

What the camera didn't see should be told. Youngsters, hungry

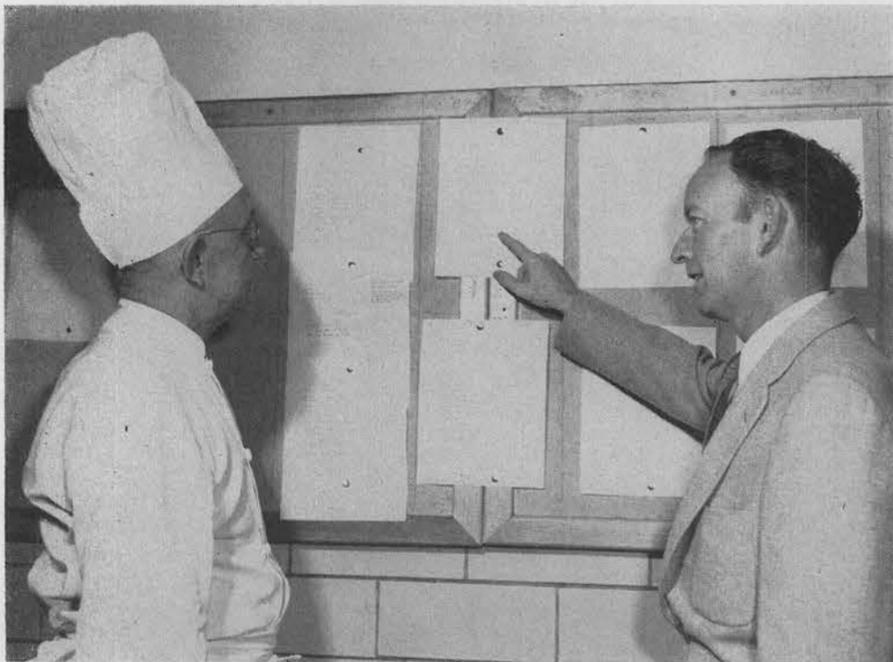
from swimming, were buying hot dogs, hamburgers and malted milks at the patio snack bar. Somewhere in the background plans were being carried out for a dinner party that evening. The special luncheon (it's only 62 cents) was being prepared and a "whale-of-a-meal" for dinner that night (only \$1.25) was in production-planning stage.

"Our business is making hungry people happy," Chef Edward Schultz announces as his creed.

That he does, that he does.



A CHEF, a smile and food. Friendly Ed Schultz is head man in the food department and his years of experience are reflected in the meals enjoyed by all.



THE DAY'S WORK—Menus, special parties, luncheons and dinners are recorded on order forms and posted for the staff to study. Chef

Schultz and John S. Taylor, Coronado Club manager, keep an eye on the wants of the guests and the needs of the club restaurant.



500 MEALS, and more, are prepared daily by Chef Edward Schultz, left, and his assistant, Frank Rael. Coronado Club Restaurant

kitchens are immaculate, and even cool, while employees work at top speed to prepare lunch and dinner for their noontime patrons.



WANT SOME PIE? Pastries for hungry Sandians are baked by Beulah Martin, a friendly lady who prides herself in her work. The volume of her baking proves that her customers are a hungry lot. Modern facilities in the kitchen help make her work pleasant.



THE BEST meat that can be bought is all that's served. Ed Schultz, chef of the restaurant, took down some ham and beef for inspection. "We use only premium grade," he explained.



THE FIRST SALAD served when the restaurant opened some years ago was made by Opal Rowe. Opal still presides in the salad department, much to the joy of restaurant patrons who count their calories, but love their food.

Photos by Laskar

shopping center

The Shopping Center is for Sandia Corporation employees and employees of the AEC on Sandia Base and it is a free service. To submit ads, just write down on a card or piece of paper what you want to advertise in 20 words or less. Indicate whether the article is "For Sale," "Wanted," "For Rent," etc., and write down the home telephone number or address where interested parties may get in touch with you. Include your name and department number and mail the ad to the SANDIA LAB NEWS, Sandia Corporation, Albuquerque, N. M., or send it to the SANDIA LAB NEWS through company mail after you come to work. ADS CANNOT BE TAKEN OVER THE TELEPHONE. If you prefer, you can give your ad to the SANDIA LAB NEWS reporter in your organization. Each advertisement will be run one issue. The deadline is Friday noon, a week prior to publication.

Next Deadline Noon Sept. 2

FOR SALE—

SIX BOXES 12-gauge 3-inch magnum shells, or trade. Bressan, Alb. 6-5367.

TWO BEDROOM home, pitched roof, washer rough-in, walled, landscaped, garage, electric stove wiring, \$8300, payments \$60. Conrad, Alb. 6-5684.

FLOOR FURNACE, Payne, 40,000 BTU capacity, thermostat controls, some pipe \$40. Kite, 541 Solano Dr. NE, Alb. 5-8208.

CAMERA, 35-mm. Argus C-3 case, flash, yellow filter, miniature bulb adapter \$20. Weber, 3117 Maderia Dr. NE, Alb. 4-5256.

SCHWINN World Traveler 26-in. man's bicycle, hand-brakes, 3-speed gears, fenders, generator, carrier, almost new \$70. Freeman, Alb. 6-6941.

PLYMOUTH, 1947 deluxe, 4 door, R and H turn signals \$350. Roehrig, 705 Florida SE, Alb. 6-4500.

SPRINGFIELD 30.06 new barrel, Redfield 70 sights, front ramp, Sporter stock, sling \$85 or best offer. House, 4023 Roma NE, Alb. 6-6706.

FULL SIZE BED, box springs, innerspring mattress \$28; also 4 lamps, \$4 each. Smith, Alb. 5-3533.

FORD TRACTOR 1948 model, complete with equipment \$750. Baldwin ext. 30284.

NRI radio and television course, 65 lessons, reference books, dictionary radio terms, etc., cost \$147, sell for \$50. Warden, Alb. 5-0557.

MAYTAG WASHER, 1951 model, double tubs, automatic pump. McKim, Alb. 6-6604.

BOXER PUPPIES, fawn color, 11 weeks old, AKC, males, Daut, 1718 Solano Dr. NE, Alb. 5-2529.

CUSHMAN motor scooter, 4 1/2 HP motor, 2-speed transmission, winter front \$40. Waddell, Alb. 5-6790.

NEW 1953 AJS twin-cyl. 500-ccm English motorcycle, tandem seat, swing-suspension frame, Becker, Alb. 5-7624.

MERCURY, 1953 hardtop, R and H, tinted glass, other extras, 11,400 miles, one owner, \$2,100, Smith, Alb. 5-6478.

THREE BEDROOM home, re-decorated, lawn, trees, wall, paving \$300 down, Work, 833 San Pedro SE, Alb. 4-4102.

BABY CRIB spring mattress. Hicks, 321 Manzano NE ext. 27144.

WALL TENT, 9 x 10 ft. priced to sell. Fegan, ext. 21278 afternoons.

VIOLIN and case, used only short time \$35. Boue, Alb. 6-7550.

COLT 45 automatic, new barrel, re-blued \$35. LeFever, Alb. 5-8508.

PANEL BED, matching boxspring, innerspring mattress, almost new \$60. James, 1206 Quincy SE, Alb. 6-0352.

TWO BEDROOM home, furnished or unfurnished, by owner, equity \$300. G. I. Loan, Bell, Alb. 5-3573.

CHEVROLET, 1952, 2-door, blue, Goodrich, 5210 Constitution NE.

HARLEY 61, 1945, 49,000 miles, used only in summer \$285. Oltman, ext. 48150.

HUNTING DOG, springer spaniel, \$35 or make offer. Chaves, ext. 33157 noonhours.

MOTORCYCLE, 1948 Indian Chief, \$250 terms, Roane, Alb. 6-7384.

GARAGE DOOR with hardware, 8 x 7 \$20; Venetian blind, 52 x 49 \$3. Garage window steel, 6 panes \$5. Coudriet, Alb. 6-1105.

E-FLAT ALTO SAXAPHONE, custom built by York, silver-plated, gold bell, extra high F key, Langley, Alb. 6-3282.

BOY'S BICYCLE, 26-in. clean, King, Alb. 5-9440.

APARTMENT-SIZE gas stove (4-burner) \$20; full size Rollaway bed \$10. Kavanaugh, Alb. 6-3011.

CHICKERING upright piano \$195; Maple dinette \$30; 8-mm. Keystone k-8 movie camera, F2.5 lens \$25. Hyatt, Alb. 5-8323.

MEDIUM SIZE Taylor tricycle, sturdy; twin-sized Hollywood bed, innerspring mattress \$25; new twin-size cotton felt mattress \$20. Buss, Alb. 2-5697.

THOR AUTOMATIC washer \$60; Monterey couch, matching chair, coffee table \$60; Salazar, Alb. 6-6385, 4627 Hannett NE.

TWO BEDROOM home, carport, carpeting, open-beam ceilings, 60 x 134-ft. lot, landscaped \$7100, flexible terms. Fowler, ext. 35153.

JANITROL FURNACE damper control unit, used only 4 months; also Taylor Tot Walker. Chandler, ext. 54286.

THREE BEDROOM Mankin house, 809 Kentucky St. SE, close to schools, buses, bus, shopping \$11,750. Ferner, Alb. 5-5233.

ELECTRIC RANGE, GE, used 1 year, three burners, deepwell cooker, no timer \$140 or terms. Hurford, ext. 4-6281.

MOTOROLA TV, 1952, 17-in., rotating table \$80, matched pair wrought-iron lamps \$12; end tables, coffee tables \$15. Kent, Alb. 6-2115.

DEEFPREEZE, Coldspot, 20 cu. ft. 2 years old, cost \$485 new, will sell for \$285. Loughlin, Alb. 5-6973.

CEDAR POSTS, pine posts, 50c each or \$45 for 100. Marshall, 129 Ranchitas Rd. ext. 35153.

1951 STUDEBAKER Comdr. V8 convertible \$695 or best offer also RP-2 Heathkit player, records \$85, best offer. Scholtes, Alb. 5-0324.

ONE RABBIT \$1.50; small rabbit hutch, or both for \$2.50. Car radio \$5.00 or will trade for gun. Martinson, Alb. 3-6901.

CUSHMAN EAGLE motor, '51, \$150; 4-wheel trailer \$10. C. Baca, Alb. 2-5955.

'38 FORD "60" motor complete, also transmission for same, any reasonable offer. Marchbanks, Alb. 4-3359.

TWO-BEDROOM block stucco, southwest valley. Nelson, ext. 26155.

CABINET SINK, 54-in., 36-in. Detroit Jewel gas stove, Robert Shaw oven control. Mills, 223 Virginia SE, Alb. 5-6057.

1949 HUDSON Super Six \$350 — R and H, good tires, covers, clean. Browne, 2336 Gen. Bradley NE, Alb. 6-3461.

MISCELLANEOUS FURNITURE. Padilla, 2003 Matthew Blvd. NW. ext. 26246.

NINE-PIECE dining room suite, including china cabinet, solid mahogany \$150 or best offer. Grossman, 1410 Coal SE, Alb. 3-7473.

CHEVROLET sedan, clean, R and H, good tires, or will trade for 1950-51 Pontiac. Meissen, 232 Utah St. NE.

THREE BEDROOM home, carport, lawn, wall, drapes, exposed beam ceilings, entire equity \$850. Mawson, Alb. 6-1364.

CAMERA, Speed Graphic 2 1/4 x 3 1/4, anniversary model, Ektar F4.5 lens; pack adapter, holders, flash, case \$75. Goens, Box 224, Cedar Crest.

CHROME DINETTE set, black, genuine leather seats, yellow top; 30,000 BTU gas heater \$25 each. Reinertson, Alb. 5-1954.

SHOPSMITH with attachments including jigsaw; also 7 1/2 hp outboard motor. Marchant, Alb. 5-1152 evenings.

BABY BED, buggy, car bed, playpen; also Electrolux floor polisher attachment. Goen, Alb. 5-2410.

FOUR BEDROOM modern house, approx. 1/2 acre, irrigation \$7175, 7300-blk. Second St. North, turn east at Lucky Courts. Chaves.

CHROME DINETTE set, yellow, expands to 36 x 60 inches, 4 chairs, only 1 year old, \$80. Warn, ext. 4-7271.

1946 FD-V8 2-door sedan deluxe good motor, tires, radio, 2 sun visors, \$250. Moritz ext. 35255.

GIRL'S BICYCLE, 26 in. \$10. Millard, 8507 Flower Place NE, Alb. 6-5135.

FIVE DECK broiler plant, Warrick, Alb. 4-5057.

COLDSPOT deepfreeze, 18 1/2 cu. ft. complete with trays, separate quick-freeze compartment \$350. Nobles, Alb. 3-5348.

CHRYSLER, 1942, good tires, rebuilt motor, 19 miles per gallon \$185. Glaze, Alb. 6-4258 evenings, weekends.

1941 PLYMOUTH convertible R and H \$150. Abernathy, ext. 26253.

OR TRADE: '54 Chrysler Windsor deluxe, loaded, or take in trade smaller clean car, balance at \$78 monthly. Shew, 10005 Matthew NE, ext. 22156.

BREAKFAST SET, table and four chromium chairs, \$20; dinette set, blond oak table and four chairs, \$45. Sherwin, 5-8866.

SEVEN-ROOM MODERN HOUSE, over 2,000 sq. ft., 901 Adams NE, 3 bedrooms, den, 2 baths, 2-car unattached garage, walled-in patio, complete sprinkler system, fireplace, central heating and air conditioner. For information, call Dickinson, ext. 27241.

WANTED—

GIRL'S BICYCLE, 24-inches, must be in good shape, Bell, Alb. 6-3078.

RIDE from vicinity 9205 Cherokee NE (Weeks Addn) to Bldg. 802. Bernie Cervantes, Alb. 6-6145.

RIDE from 1600 Stanford SE to Bldg. 880, L. L. Moorhead, ext. 29142.

FROM 3715 Veranda Rd. NE (Carlisle Plaza Addn) to Adm. Bldg. Jean Stebner, Alb. 4-5317 after 5.

CHILDREN to care for in my home. Mrs. Flowers, 1833 Kentucky NE, Alb. 6-1656.

SLOGANS for Community Chest drive. See article page 1 for details.

RIDE from 2923 Madison NE (Bel-Air) to Bldg. 832. R. F. Utter, Alb. 5-3801.

ENGLISH racing bicycle. Chandler, ext. 54286.

RIDE wanted from 2517 Madeira NE (Bel-Air) to Adm. Bldg. Barbara Hammond, Alb. 6-4046.

RIDE from 11th St. NW and Mt. Rd. to Bldg. 880. Angie Fernandez, Alb. 2-1241.

TO FORM car pool from Snow Heights to Adm. Bldg. McKeever, ext. 30140.

Sandia Engineer Teaches Evening Class in Welding

When the Community Evening College at the University of New Mexico resumes classes this fall, Charles Boettcher, welding engineer in 2531, will be teaching two subjects, Arc and Acetylene Welding.

In line with the growing popularity of do-it-yourself, welding has



Charles Boettcher — art of welding —

become a popular course in the non-credit adult evening program in which a variety of crafts are taught, along with courses in arts and science. The classes will be held once a week, for eight weeks, and will consist of lecture and practice in each three-hour session.

Charles, who joined the Laboratory three years ago, holds a B.S. degree in Industrial Engineering from UNM. Before coming to Sandia he was in welding sales work, and during World War II was employed by Curtiss-Wright, St. Louis, Mo., in aircraft production.

RIDE from 324 Aliso Dr. NE or vicinity to Bldg. 880. Rhoda Kutzscher, ext. 45246.

RIDE to Iowa about Sept. 10. Will share driving and expense. R. W. Scholtes, Alb. 5-0324.

OLD CAR for transportation. M. Baca ext. 20629 or J. Anaya ext. 27252.

ONE TO THREE young men to share private home; complete home privileges, TV, etc. Wickett, 10020 Matthew NE, Alb. 6-3566 days.

UNCONVERTED Springfield .30-.06 rifles. Milton, Alb. 6-4384.

RIDE from new Snow Addition to vicinity Bldg. 802. Ted Siegrist, 10016 Matthew Avenue NE, ext. 23239.

RIDE from vicinity Copper and Monroe NE to Bldg. 880. Anderson, ext. 32244.

ONE OR TWO riders for car pool from Goff Rd. or Five Points to Bldg. 802. Ansley, ext. 43152 or Baldonado, ext. 34139.

RIDE from 1020 Kentucky SE to Tech Gate 6 — JoAnn Fresquez, Alb. 6-1212.

RIDE from vicinity 12th and Candelaria or will join car pool. Harry Warrick, Alb. 4-5057.

RIDE from 1528 Alamo SE to Bldg. 860. Bess Berman, ext. 48143.

FOR RENT—

UNFURNISHED 3-bedroom, 1 1/2 bath home, near grade schools, available now, \$80. Walters, 4802 Aztec Rd. NE. Alb. 4-3686.

TWO BEDROOM home, den, completely furnished, walled \$115 plus utilities, water paid. Pena, Alb. 2-6707, 1110 Princeton NE.

TWO BEDROOM house, partly furnished, in valley \$55. Valdez, Alb. 3-3569.

TWO BEDROOM house, unfurnished, heights, 10 minutes from Sandia. Barlow, Alb. 4-1295.

THREE BEDROOM, 1 1/4 baths, brick, a Hoffman home, unfurnished, carpet, built-ins, lawns, available now. Millard, Alb. 6-5135.

MISCELLANEOUS—

DAY CARE for one or two children in my home, University Heights area. Reasonable. Mrs. McDaniel, Alb. 3-7405.

WILL KEEP one or two pre-school age children in my home, close to base. Mrs. Ries, Alb. 5-7828.

TRADE—

COMBINATION 3-speed record player and radio in luggage case (never used) for two sleeping bags. Smith, ext. 22164.

LATHE, small metal for hand saw or jig saw plus difference. Goens, Box 224, Cedar Crest.

FOUND—

SILVER TIE CLASP at Bldg. 880 parking area. Inquire at Lost and Found, Bldg. T-301, ext. 23140.

Softball Tourney Goes Into Play-offs Wednesday; Finals Decided Sept. 8

Volleyball Fans Can Enter League Play This Fall

Plans for an active volleyball season were being formulated this week as a call went out for all interested teams and individual players to register at the Employee Service office in Building 301.

Team managers may contact Betty Shultz at ext. 29157 for Sandia Employees Volleyball Association rules and additional information.

The season opener has been set for the last week in September or the first week in October.

Games will be played in the Sandia Base military gymnasium, probably on week nights. An end-of-season tourney will be played, when regular volleyball season is ended.

A meeting of team managers will be held at a later date to be announced in the SANDIA LAB NEWS. Managers will then decide length of season, game nights, and schedules, and whether a final tournament will be played by top-ranked league teams.

Semi-final play-offs in the current end-of-season softball tournament of the Sandia Corporation Employees' Softball Association will be played next Wednesday at 7:30 p.m., when the Dodgers and Cubs clash on Diamond "A" and the Braves and Senators meet on Diamond "B".

Winners of the semi-finals go into the finals for the league and season championship. Final game will be played on Diamond A at 7:30 p.m., September 8.

A season summary of games won and lost, issued by the Employee Services office this week, put the Athletics and Senators of the American League in a tie for first place: 11 games won, 3 lost. The Dodgers took first place in the National League with 13 won, 2 lost.

With the exception of one game yet to be played—a tie play-off between the Athletics and the Senators—final Softball League standings were issued here today:

AMERICAN LEAGUE

Team	Won	Lost
Athletics	11	3
Senators	11	3
Yankees	9	5
White Sox	8	6
Red Sox	8	6
Orioles	5	9
Indians	3	11

NATIONAL LEAGUE

Team	Won	Lost
Dodgers	13	2
Braves	10	5
Cubs	8	7
Phillies	6	9
Cardinals	4	11
Giants	4	11

Team 8 Winner of Summer Bowling At Coronado

Summer League bowling came to an end last week at the Coronado Club Lanes, as Erma Fauerbach's Team No. 8 topped league standings with a nice 41 won, 7 lost games record.

Runners-up were Earl Sherwood's No. 5 team which won 29, while losing 19, and in third place Henry Stemporzewski's Team No. 3 with 26 games won, 22 lost. Other final team standings appear elsewhere in this issue of the SANDIA LAB NEWS.

Omar Sensel took honors for High Average Male Bowler with 170, and Erma Fauerbach, Women's High Average, with 147.

High individual game was rolled by John Whalon, 243, with Charles O'Keefe rolling second high game, 222.

Other team and individual standings are as follows:

SUMMER BOWLING LEAGUE

Team	Captain	Won	Lost
No. 8—Erma Fauerbach		41	7
No. 5—Earl Sherwood		29	19
No. 6—Henry Stemporzewski		26	22
No. 2—Cliff Boxx		25	23
No. 3—Omar Sensel		24 1/2	23 1/2
No. 1—Clyde Northrup		18	30
No. 4—Al Sweede		16	32
No. 7—Charlie Kaspar		12 1/2	35 1/2

High average for men: Sensel 170, Coen 166, Stemporzewski 165, Northrup 165.

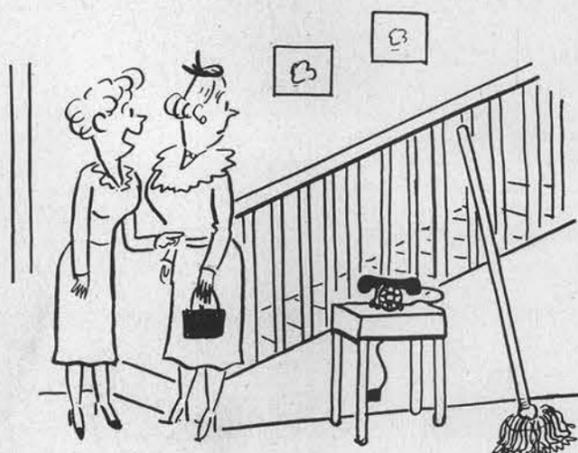
High average for women: Fauerbach 147, Sherwood 138, Milligan 132.

High individual game: Whalon 243, O'Keefe 222, Burg 200, Howard 181.

High individual series: Bueffel 576, Boss 563, Sensel 535, Anderson 434.

High team game with handicap: Team No. 2—870; Team No. 3—838.

High team series with handicap: Team No. 8—2425; Team No. 7—2225.



CHAS. SKILES

"WE KEEP IT THERE BECAUSE OUR PHONE INVARIABLY RINGS WHEN SOMEONE IS IN THE BATHTUB."