

Sandia LAB NEWS



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

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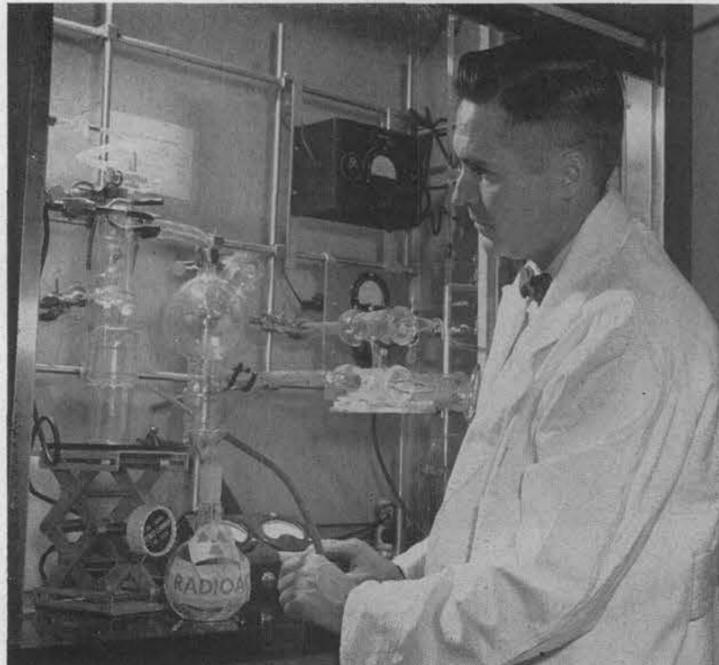
Industrial Hygiene Experts At Work



INDUSTRIAL HYGIENE technicians, Garvey Pierson, left, and Allen Hobbs, monitor "hypos" trays in Sandia Corporation photographic laboratories, testing content of "hypos" in air.



VIBRATION MISERIES — The howl of a shake table, seen through the window of a soundproof room, would greatly irritate operators if it were not safely enclosed as shown here. This is but one example of how the industrial hygienist makes working conditions more pleasant.



CHECKING progress of a continuous test is Bill Kingsley, 3161, head of the Industrial Hygiene Division.

Withdrawal Area Will Offer Good Deer Hunting

If Sandia hunters drive far enough south along Pennsylvania Avenue on the Base, they're likely to encounter some of the best hunting in the state, according to officials of the Provost Marshal's Office.

Mule deer abound on the reservation, in the broken, sage-covered, and timbered areas of David Canyon, Semmette Canyon, and the easterly portion of Coyote Canyon. The hunting site, known commonly as the Withdrawal Area, is a portion of the Cibola National Forest.

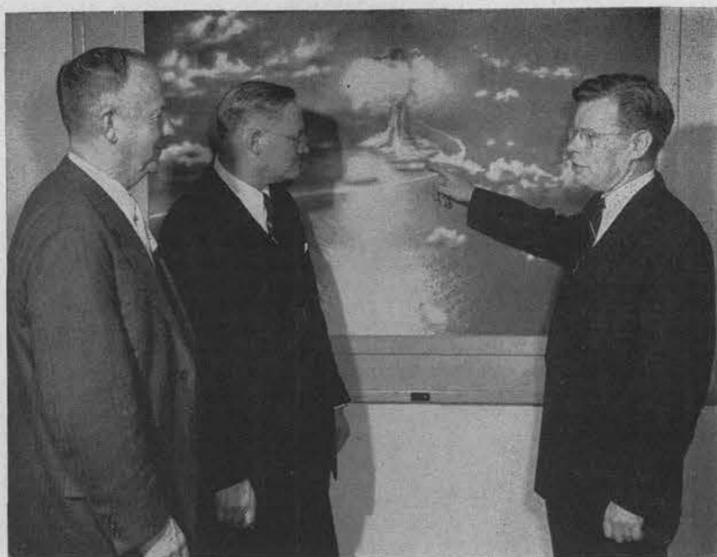
All military and civilian personnel who work at Sandia Base or reside here are eligible to hunt on the reservation. Hunters must possess a valid 1955 New Mexico Big Game License, and before entering the Withdrawal Area for the hunt must register at the Provost Marshal's office in Bldg. P-220, east of the baseball diamond on Texas Street.

Must Sign In

Hunters will be asked to sign a registration slip, giving their names, their places of employment, estimated time of departure, their destination within the Withdrawal Area, and their estimated time of return. A game report must be filed upon return, if the hunter has been successful. All hunters — successful or not — must check out of the Area by phoning ext. 20117 or 25102 upon departure.

Deer are plentiful not only on the Base, but elsewhere throughout

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DISTINGUISHED VISITORS at Sandia last week were Cleo Craig, left, president of the American Telephone and Telegraph Company, and Frederick R. Kappel, president of Western Electric Company. Pointing out an object of interest in a photograph of a Pacific Proving Grounds test explosion is James W. McRae, president of Sandia Corporation. The photograph was taken in the Military Liaison building at the conclusion of a guided tour of the Exhibit Hall. Mr. Craig and Mr. Kappel were enroute to another meeting and stopped off at Sandia for a briefing on the progress of work here. While in New Mexico they also visited Los Alamos Scientific Laboratory.

Army Chief of Staff Visits Here

Gen. Maxwell D. Taylor, chief of staff of the U.S. Army, toured Sandia Base yesterday, and the Sandia Corporation technical area during an orientation briefing of the Armed Forces Special Weapons Project.

Accompanying General Taylor on his tour was Assistant Chief of Staff, Maj. Gen. Paul D. Harkins.

Max Howarth, vice-president and general manager of the Sandia Corporation, guided General Taylor through the facilities of the Laboratory.

Additional Sandia Corporation officials participated in briefings during the tour.

Notice

Civilians or military personnel finding hammers, axes, long punches, or chisels—or a group of these tools on the Base are asked to turn in the tools to Plant Security, Sandia Corporation, Dept. 2450, ext. 23149.

N. J. Eich Presents Paper to Kansas City IRE Meeting Today

A paper, "Application of Printed Wiring and Plastic Encasement to Improved Package Assemblies," is being presented today by Norbert J. Eich, at a section meeting of the Institute of Radio Engineers in Kansas City, Mo.



The paper is on packaging of electronic components and some of the newer techniques in the science of packaging.

A graduate of Stevens Institute of Technology, Mr. Eich is supervisor of Division 5312, Component Development Department. Prior to his employment at Sandia Corporation he was a member of the Bell Laboratories technical staff.

He holds a patent for a method of plastic encasement.

Sandia's Industrial Hygienists Maintain Careful Health Vigil

Several years ago construction plans of a new building for Sandia Corporation called for an extensive ventilation system.

Comfortable and healthful working conditions were the goal, but it was discovered that the main air duct of the ventilating system would in reality be like an out-sized organ pipe. The resulting howl would have been intolerable.

A radioactive cobalt source was being installed for use in radiography. The project was completed without difficulty and is now in use — a fine example of safety with economy.

A new radiation laboratory was to be constructed. Construction followed carefully developed plans and a safe installation resulted.

The anticipation of industrial hazards, the adoption of approved methods for avoiding them and the application of the lesson to future situations is the job of the Industrial Hygiene Division, 3161, of the Medical Department.

Seek New Hazards

William H. Kingsley, supervisor of the division, and members of the division's staff seek out potential hazards which lie hidden in work environments.

They anticipate these hazards then help correct them before anyone suffers ill effects.

"And it is made possible," Kingsley emphasizes, "by the close cooperation of all Sandia organizations."

"We are here to help," Kingsley states, "but we must know who needs the help."

"We look for anything that's likely to cause physiological change in the body," he says, "such as those caused

by acids, fumes, radioactive hazards, dust, noise."

In this way Sandia Corporation supervisors find the Industrial Hygiene division acting as consultant.

Evaluates Conditions

The division establishes standards for evaluating work conditions. There are recommended limits for temperature, humidity, lighting, occupancy, sanitation, fatigue and noise.

"Work of the industrial hygienist at Sandia Corporation," says Kingsley, "is unique."

He explains this by pointing out that much of the work here is experimental, many tests are attempted only once. Sandia has less routine work than is found in conventional manufacturing industry.

Nevertheless, carefully planned and executed industrial hygiene programs must be developed for these one-time undertakings. In many cases the procedure will never be applicable the second time.

Dr. Frederic G. Hirsch, head of the Sandia Corporation Medical Department, supervises and works with the division in most of its problems.

He calls attention to the fact that here at Sandia the practice of industrial hygiene not only helps the laboratory's day-to-day work, but also adds to the general store of knowledge in the broad industrial hygiene field.

Are Pioneers

"Our men work closely with Sandia scientists in the field," he tells. "We are finding ourselves pioneering in many instances."

This exploratory activity results in

many new potential occupational hazards being discovered. For example, the division's "detectives" once discovered that apparently harmless spirits used in duplicating equipment were harmful. Sandia's industrial hygienists have adopted new safeguards against hazards in the machining of new metals like zirconium, which has explosive characteristics; magnesium, strontium, beryllium.

Exposure to occupational hazards has existed ever since man first lifted a stone hammer. Pliny The Elder, renowned physician in the First Century, describes "knife grinders' phthisis," (tuberculosis).

Hippocrates was familiar with cases of lead poisoning in armorers. "Grinders rot" was the disease of potters in the 17th century. Silicosis and pneumoconiosis were accepted matter-of-factly by miners and quarry laborers of the 1800's.

New As Atom

Yet industrial hygiene as a science is as up-to-date as the atom. In World War I great strides were taken by the munitions industry to protect its workers from the tragic "phossy jaw," a rotting of the facial bones caused by phosphorus poisoning. World War II prompted still greater advances.

Today, a certain amount of research must accompany any industrial hygiene program. Statistics on workers' health are important. That's why Kingsley and his staff work closely with Sandia's chemists, physicists, engineers, physicians, statisticians and nurses. They maintain records of conditions in all phases of

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SANDIA LAB NEWS

Friday, November 4, 1955

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

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Telephones: Sandia Base Extension 25253 or 26135



Veterans of Future Wars?

The holiday Nov. 11, one week from today, is rapidly becoming an almost-forgotten occasion. Now known as Veterans Day, once known as Armistice Day, it is set aside to honor the millions of veterans of all wars of the United States.

Veterans comprise quite a sizeable portion of our male population, and not a small number of the war veterans are women.

In World War II, 16 million Americans saw service. A few years later, the Korean war added thousands more. There are still many living who fought in World War I. Spanish-American War veterans are not yet scarce. There even remains a small handful of men who fought in the war between the states.

It was a few years before World War II that clubs known as "Veterans of Future Wars" appeared on college campuses of this country. Half a joke, half serious, these short-lived organizations, for the most part, recruited young men who had idle time, a wish for fun and a desire to join — anything.

Today, some 20 years later, we don't hear of such organizations being founded, even in jest. Perhaps it is a sign of the times — the time which may see the passing of a group known as war veterans.

Next Friday Sandia Corporation employees will observe Veterans Day as a holiday. Friday morning, during the traditional minute of silence, it would be well for us to think of these men, and to honor them with our prayers and thanks.

Another thought could well enter our minds as we pay our respects to the warriors of past conflicts: What we do here in our jobs, how well we work and produce, may play an important part in determining if men and women of future generations will be war veterans. If we do well in preparing the defenses of our country, there may never be a new group of war veterans, and none of us will be happier about that than those we honor Nov. 11.

Texas Square Dance Caller to Appear at Coronado Club Nov. 11

Raymond Smith, known throughout the southwest for his distinctive square dance calls, will make an appearance at the Coronado Club on Veterans Day, Nov. 11 at 8:30 p. m. Members and guests are invited.

Smith is director of the Year-End Square Dance Camp held in Dallas, Tex. He has traveled extensively throughout the nation, organizing square dance groups, and festivals.



Raymond Smith

More Departments Participate 100% In Chest Drive

Several more Sandia Corporation organizations have joined the list of departments which have participated 100 per cent strong in the 1955 Community Chest-Red Cross United Fund Drive.

Newcomers are Auxiliaries Engineering 1280, Wage and Salary Administration 2610, and Labor Relations 2620.

Others previously reported as having 100 per cent participation are Plant Security 2450, Programming 2520, Manufacturing Relations Engineering I 2530, Patent Department 6010, Employee Services, Training and Public Relations 3120; Component Development 5320, and Test Laboratory 1610.

W. J. Harmeyer, 4121, campaign treasurer, reports that collections to date total \$49,081.83.

From California

Salton Sea News

Attending a "ham" radio convention in San Diego, Calif., Oct. 1 and 2, were T. A. Sprink, 2480, and A. L. Pearson, 2483-1, the latter winning ten conductor coils.

Square dancing rounds out pleasant Tuesday evenings for many Salton Sea personnel who promenade round and do-si-do in the lobby of San Felipe Lodge.

Wedding congratulations are extended to Mr. and Mrs. B. L. Workman, 2483-2, who were married Oct. 8 in Yuma, Ariz.

Salton Sea Base welcomes Dalton "Doc" Savage who has joined the staff of 5214.

Rapid Move Chess Tournament Nov. 8

A Rapid Move Chess Tourney will be held Nov. 8 at 7:30 p. m., at the Coronado Club, according to Ned Wilde, 5413, president of the Sandia Base Chess Club.

A double elimination tournament, the affair offers trophies to first-place winner and runner-up. There will be a 25-cent entrance fee. All Sandia Base residents and Corporation employees are eligible.

The Sandia Base Chess Club meets regularly on Tuesday nights at the Coronado Club, Wilde said. Further information may be obtained from Wilde at ext. 36145.



LUNCH TIME meant fried chicken for the Perlman and 150 other picnickers at the recent family outing of Department 1630 at the YWCA camp grounds in Tijeras Canyon. L. to R. are Jeanette, Jeanine, Ann and Ted, of 1632. Children's contests and afternoon dancing sparked the picnic program planned by Dick Prokash and Tom Kelly, both of 1631.

Win Friends

Banks R. Daubert, 1611, is carefully conducting, by necessity, a study in how to make skunks like you. A skunk, driven under the house at 330 Vineyard Rd., N.W., by the Daubert dog, has given birth to a family and refuses to leave her quarters. Banks will appreciate any suggestions as to how to evict the family without arousing their ire.

Songfest Upcoming

Terry Riggan, 1723, is master in control of a score or so of vocal cords these days as he prepares the Sandia-liers for their fall concert and show. They will appear at the Coronado Club family night Dec. 13 and Bill Bailey, 2532, president of the group, says there will be lots of fun for the kids. Western music will predominate.

Retriever Champ

A Chesapeake Bay Retriever named Pancho was named best of the sporting dogs in the Yucca State Kennel Club show at the New Mexico State Fairgrounds, Oct. 23. A plaque went to owners Ken Sarason, 1631, and his wife, Mary Jo, formerly 5520.

Retiree Recovering

William B. Dupree who retired from Sandia Corporation, Org. 2223, in April of this year is recovering from a heart attack. He is in the Veterans Hospital and his friends are invited to visit him there.

Birthday Gift Recovery

Oct. 14 Max Weber, 5122, put his wife's birthday present, all nicely gift wrapped, in what he thought was his car. But it wasn't and the package disappeared with the strange automobile. Thanks to a Sandia Lab News "ad" the package is back. The car's owner found the box and turned it over to the Post Exchange office. There, someone saw the wanted notice and got in touch with Max.

Fond Memory

Sten Persson, a staff technician in 5424, has many personal accomplishments, but the one he likes to remember is an accomplishment of one of his students — back in 1935. Sten was teaching a short-story writing class in Washington. One of his students absorbed Sten's instruction so well that the youthful author's first writing attempt sold. Even today, he still occasionally sees the author's name in print.

Youthful Singers

Youngsters of three Sandia Corporation employees appeared last week in the fall concerts of the Albuquerque Boys Choir. They are Jimmy, son of Glenn Morter, 1333; Timothy and Christopher, sons of Mrs. Jan Smith, 5512; and David, son of Ben Blythe, 5522.

Sandianotes

Book Learning

With the issue of the recent Sandia Corporation book rack selection "Diabetes Can Happen to You," a new and interesting series of booklets is forthcoming. Among titles to be released in the near future are: "125 Simple Home Repairs," "What You Don't Know About Mailing A Letter," "Reading Rack Digest," and "Benjamin Franklin."

Dancing Expert

Justin Heineman, 1723, a self-taught dance instructor, is helping some 56 couples learn the rudiments of ballroom dancing at the Coronado Club. Justin teaches rumba and tango Monday nights and American dancing on Wednesdays. He attained his dancing abilities by attending a dance workshop in Washington, D. C., where he practiced with instructors from Fred Astaire and Arthur Murray studios.

Hungry? For What?

Jim W. Galbreath, Employee Services Division, 3122, and John Taylor, manager of the Coronado Club, are wondering what people would like to eat at the Coronado Club restaurant. Meals are served at noon and night and they'd appreciate hearing what foods are the most popular. Here's your chance. Call Jim at ext. 26149 or John at the Coronado Club, ext. 37276.

Hunter's Life

A Sandia deer hunter, after returning from the wilds last year, told this harrowing tale: He shot his buck, cleaned it and was carrying the carcass over his shoulder when the bullets from two other hunters' guns plunked into the still warm flesh of his game.

Credit Union Veep

The board of directors of Sandia Laboratory Federal Credit Union has elected Harold F. Gunn, 3153, vice-president. He succeeds C. H. Deselm, 1210, who resigned due to pressure of Corporation business. As of Oct. 31, members of the Credit Union had deposited more than \$1,110,000 in savings. Loans on that date totaled about \$1,000,000. Credit Union officers attribute the steady growth of the organization to increased use of the payroll deduction plan for repayment of loans and purchase of shares.

Everybody Happy?

When L. M. "Jerry" Jercinovic, 1910, became the father of a son Oct. 21, he called a series of uncles on the long distance telephone. He wanted to know what the uncles thought the boy's name should be. Each uncle insisted that the boy be named for him. Jerry and his wife put all four uncles' names in a hat and drew them out one by one. Thus, Michael Joseph John Charles Jercinovic has had his first lesson in compromising, and his uncles are happier too.

REUNION FESTIVITIES for the University of New Mexico's NROTC class of October, 1945, were arranged by, L. to R., H. M. Willis, 1923, G. W. Dwyer, of Albuquerque, C. L. Hines, 1912, and T. S. Daniel, 1732. The University's Homecoming weekend, Oct. 28 and 29, marked the 10th anniversary since the group was commissioned into the Naval Reserves by Daniel.



elk hunt of his life. The big bull, grossing 1300 pounds, was found near Luna, N. Mex. Dressed, it weighed 687 pounds. The antlers measured 56 inches, despite a tip broken from one, probably due to a fight. Dick downed the elk with a 30.06 Remington 740.



Promotions

PAUL M. KNOX, JR., to supervisor of Section B, 1282-2, Structures Analysis Division.

Paul came to Sandia Corporation in February of this year from Bell Aircraft Corp., Buffalo, N. Y., where he had been project structures engineer one and one half years, specializing in aerodynamic heating as applied to aircraft structural design.

He was also employed three years by McDonnell Aircraft Corp., St. Louis, Mo., as head of the stress analysis section in the guided missile division, and nine years by Glenn L. Martin Co., Baltimore, Md., as structures engineer.

A graduate of Oklahoma A and M, class of 1941, Paul holds a B. S. degree in mechanical engineering. He was elected to mechanical engineering honorary Pi Tau Sigma.

PARKER F. JONES to supervisor of Section B, 1241-2, Engineering Department C.

Parker has been a staff member in this department since joining the Laboratory in May, 1953. Previous employment was with the U. S. Corps of Engineers, in Albuquerque, where for two years he was heating and air conditioning designer.

A student at the University of Oklahoma two and one half years, Parker transferred to the University of New Mexico in 1947, receiving a B. S. degree in mechanical engineering in 1949. In college he was a member of the American Society of Mechanical Engineers, Kappa Mu Epsilon, mathematics honorary, Sigma Tau, engineering honorary, and Pi Tau Sigma, mechanical engineering honorary.

He served with the Air Force from 1942 to 1946 as an operations officer in the Pacific Theater, and again from 1951 to 1953 as an administrative officer, attaining the rank of captain.

C. B. "BILL" KRAUS to sergeant in Patrol Section 2452-1, Plant Security Department.

Bill had previously been a security inspector in this department, most recently assigned to the day shift. He began his Sandia employment in September, 1950.

Earlier, for several years, he was a welder and journeyman iron worker on construction projects throughout New Mexico, assisting with the construction of Sandia Laboratory buildings. He was also operator of a service station in Tucumcari one year.

Associated with Continental Oil nine years, he worked in the firm's refineries at Lake Charles, La., and Albuquerque.

Radio Club Resumes Code Instruction

Radio code classes sponsored by the Sandia Base Radio Club will resume Nov. 14 at 7 p. m., Instructor Lloyd Melick, 5424, reports. The classes will be held in Bldg. 364, at the corner of Texas and H streets on the Base.

Interested radio amateurs, and others desiring code instruction are invited to attend the initial re-organization meeting Nov. 14, and register for future sessions.

Following the code class, a regular business meeting of the Radio Club will be held, Melick said. Door prize will be a Radio Amateurs Call Book.

"This Ol' House," Says Charlie Whitmer, "Is Just Getting Started After 171 Years!"

Editor's Note

When Sandia's Charlie Whitmer bought a home, he also acquired some of New Mexico's most thrilling history. Ancient documents, and modern, in the Library of the University of New Mexico tell of his home and its origins.

A Taos Pueblo chieftain, the savage Pope, tied ten knots in a leather thong some 275 years ago, summoned runners, bade them deliver his knotted cord to every Pueblo kiva in the Rio Grande Valley. Time: August 1, 1680. The bloody Pueblo uprising was just ten days away.

As his runners trotted off, Pope had set in motion an incredible chain of events which was to drive the Spanish Conquistador from New Mexico for more than a decade; and almost three centuries later was to give Charlie Whitmer a family home, a monument to New Mexico's turbulent times.

Chief Pope, according to Charlie Whitmer, 2112, was the leader and instigator of the sanguine Pueblo Revolts which pitted Indian servant against Spanish conqueror throughout the New Mexico countryside of August, 1680. Four hundred Spanish soldiers, peasants, missionary friars were butchered in pueblos along the Rio Grande.

Left Gran Quivira

Yet some escaped; and among a handful of frightened friars and soldiers who fled to Santa Fe — later to El Paso — were two secretive monks, survivors of the tragic slaughter at distant Piro Pueblo, which the Spanish governors called Gran Quivira. Two great churches had been destroyed there. More than 70 colonists had died.

These two, Felipe Augustus and Bonifacio Jesus, among the throng of refugees in El Paso, kept their own counsel. They avoided companions, ate at separate tables, fled when strangers approached. In time they boarded a sailing vessel for home; but behind in the dusty streets of El Paso, some whispered of the great treasure hidden in haste by these two at Gran Quivira.

A hundred years later, Charles the Third of Spain, temporarily short of royal funds, appointed one Don Pablo



NEW ROOF on an old building is Charlie Whitmer's present construction project as he works to restore his 171-year old mansion at 6807 Carlton NW in Zia Gardens. Assisting in the work is Baron, family Boxer.

Yrisarri as his personal envoy to the New World. Don Pablo—the King directed—was to "ascertain, find and recover the 1600 burro loads of gold and silver and precious church vessels buried in the ruins of Piro Pueblo, now called Gran Quivira."

Don Pablo, the King said, was to be given \$30,000 in gold. With this, he was to exert every effort to find the treasure, valued in modern times at \$50,000,000!

Don Pablo sailed from Spain in 1784. Three months later, he turned up in Albuquerque. He was carrying a black book, lettered in gold: FAIJO, which some said contained charts and descriptions of the Gran Quivira missions.

With his \$30,000 in gold, Don Pablo built himself a hacienda five miles north of Albuquerque in "a low place near much water." And this hacienda—constructed with royal gold by a treasure-hunting vassal of the Royal Spanish Crown—is Charlie Whitmer's home today!

Home of Charm

Located at 6807 Carlton NW in

Zia Gardens, Charlie's place is a sun-baked square of terrone brick, mortar, weathered vigas. It holds the unfathomable, often moving charm which the desert and time bring to all old places in New Mexico.

Originally Charlie's house was oriented about a patio center. There were a chapel, stables, supply rooms, a trading center—it was first stop on the Santa Fe trail north—a cantina and living quarters; but none of them had connecting doors.

To go from one room to another in the ancient place, Don Pablo and his descendants walked into the patio, thence next door. Charlie Whitmer has broken through several walls, linking the rooms with doorways and sills. This has not been easy.

The walls of the building—not adobe, but terrone—are two feet or more thick. They were smothered beneath layers of kalsomine, smoke, cooking greases, and the natural accumulations of the centuries. These have since been removed, refinished with plaster and wallpaper. In addition, Charlie has laid concrete floors throughout one half of the

box-shaped building, and now looks forward to refinishing other portions. Just now he is putting a roof on the patio.

Eight Rooms

Every room—there are eight now—has a corner fireplace. Charlie and his wife, Elizabeth, heat the place with these fires and with gas; the thick walls, New Mexico's fine native air-conditioning system, retain the heat for many hours; and keep out the heat of the summer. The house is twenty degrees cooler than out doors on an August day!

While similar to adobe in appearance, the house is constructed of terrone brick, cut wet from swampy areas and containing the roots of swamp vegetation; later they were left to dry in the sun. The bricks retain their strength and weight-bearing qualities throughout the centuries. Each of them weighs 60 or 70 pounds.

Somewhere within these walls, according to legend, \$10,000 in gold is hidden, ostensibly the property of its most recent owner (before Charlie), the late Jacob Yrisarri. Hundreds of people have visited Charlie's home in a fruitless search for the money. Often on week-ends, complete strangers drift into Charlie's patio, looking about wistfully for a rusted treasure chest, or other clues to the whereabouts of the gold.

Once, Charlie relates, some Indians came into his patio unbidden, and when he approached, they told how they had long ago seen "much gold piled on Navajo blankets, and Jacob Yrisarri was counting it."

Seeks Treasure

Charlie doesn't know how many of these stories to believe. He does know for certain that a man came from Tonopah, Nevada, several years ago, asking Charlie's permission to dig about the house. The stranger brought with him an entourage of mining engineers, mine detectors, probes, and a complete metallurgical search outfit; and a map he claimed to have found in a decaying and abandoned buggy in the Nevada desert.

Despite several days of intensive searching, nothing of value was unearthed that year; a few harness buckles, horseshoes. Disappointed, the Nevada left.

He returned the following year to search again; but nothing was ever found. Charlie is no richer. But he doesn't mind too much.

He has the house.

Muscular Dystrophy Appeals For Funds

BORN TO:

Mr. and Mrs. Merlin Manteufel, 5215, a girl, Deborah Jean, Oct. 21.

Mr. and Mrs. Jerry Jercinovic, 1910, a boy, Michael Joseph John Charles, Oct. 21.

Mr. and Mrs. Herman Williams, 5131, a girl, Beth Eva, Oct. 22.

Mr. and Mrs. Arthur Gillespie, 5311-2, a boy, Arthur S., III, Oct. 23.

Mr. and Mrs. Orelia Montoya, 1621-3, a boy, James Gerald, Oct. 22.

Mr. and Mrs. R. S. Claassen, 5133, a girl, Sarah, Oct. 25.

Mr. and Mrs. Donald C. McFall, 1611, a girl, Karen Renee, Oct. 25.

Mr. and Mrs. C. N. Giles, 1613, a girl, Carey Lynn, Oct. 25.

Mr. and Mrs. T. H. Harrington, 1634, a girl, Connie Sue, Oct. 18.

Mr. and Mrs. Lee E. Davies, 1240, a boy, Mark Evans, Oct. 25.

Mr. and Mrs. J. W. Sims, 1632, a boy, Barry Scott, Oct. 16.

For the third successive year Albuquerque letter carriers are sponsoring the drive for funds for the Muscular Dystrophy Association of America.

Only this year Branch 504 of the National Association of Letter Carriers needs help in collecting the donations. A new postal regulation makes it impossible for them to leave "occupant" letters in the mailboxes with enclosed contribution envelopes. The money must be gathered in another manner and the mail carriers need help.

Muscular dystrophy is a dread, mysterious disease which now claims some 200,000 victims in United States, both children and adults. It attacks muscles, making them useless, so that patients eventually become helpless and die.

The cause is unknown and there is no cure.

Money is urgently needed to carry on research and to enlarge clinical facilities and to provide help for patients.

Sandia Corporation employees may do their part by placing contributions in containers which will be found in the technical area and at the Coronado Club during November.

L. E. Castle Writes Article for First Issue of Magazine

Lynn Castle, supervisor of the Training Division, 3124, is author of an article "Most People Like to Work" which will appear in the first issue of the new magazine Supervisory Management.

The magazine, making its appearance in December, is to be published by the American Management Association.

Mr. Castle prepared the article at request of the magazine's editors. He says: "Getting things done through people is the task of management. The task is made easier by capitalizing on the fact that most people really like to work."

His writing, the editors report, has resulted in an interesting how-to-get-along-with-people article.

This is Mr. Castle's fourth article to be published this year. The other three, dealing with phases of human relations, have appeared in Supervision magazine.



Lynn E. Castle

Sandians Who Serve

Dean Wise is serving his third term as president of the Albuquerque Gem and Mineral Club, an organization dedicated to the advancement and enjoyment of the earth sciences. During his three years in office, Dean has watched the club's membership roster increase from 32 to over 200 "rock hounds" interested in mineralogy, gem cutting and geology.

Affiliated with the Rocky Mountain Federation of Mineral Sciences and the American Federation of Mineralogical Societies, the club, under Dean's guidance, prepared its first New Mexico Fair exhibit of mineral specimens and polished stones.



Dean presides over meetings on the second and fourth Monday of each month in the Geology Building on the University of New Mexico campus. (Assisting him are other Sandians in club offices: David B. Miller, 2360, vice-president; Charles A. Tucker, 1641-3, treasurer; and Vonna Burroughs, 1641-3, recording secretary. William Olheiser, 2415-3, is a club director.)

A second office held by Dean is that of secretary of the Albuquerque Magicians' Club, Ring 90 of the International Brotherhood of Magicians. (Other club officers are president Fred Darugh, 5312-1, and vice-president Raymond Knight, 1643.) At monthly meetings, Dean and his fellow magicians—professional and amateur—improve their techniques and plan benefits for such groups as St. Anthony's Orphanage and Veterans Hospital.

In addition, Dean has been Boy Scout merit badge counselor in astronomy in the Sandia district for two years, working with Dr. Lincoln LaPaz, director of the Institute of Meteoritics at the University of New Mexico.

Dean, a layout operator, has been with the Corporation since October, 1950, and resides with his wife, Dorothy, at 3409 51st Loop, Sandia Base. The Wise family includes a married daughter, Mrs. Marlene Fluck, Deanna, senior at Highland High; and Dean, Jr., freshman at Woodrow Wilson High and partner in the Wise collection of classic crystal forms.



THE HANNS — Martha Jane and Jim — find their antique collection comfortable to live with, beautiful and utilitarian. Above, they relax behind cherry coffee table, once a cradle. The end table, right, is an old-fashioned harness bench.

Hanns Combine Skill, Imagination to Furnish Home in 'Country Primitives'

Functional, and over a hundred years old, are the antiques—"country primitives" of a bygone era come-to-life in the home of Jim and Martha Jane Hann at 8406 Haines NE.

Transformed by Hann skill and imagination, a baby's cherrywood cradle acquires a planter and glass top to become a coffee table; a pumpkin pine dry sink is a massive cabinet; a harness bench is a unique end table; a brass wash bucket, a magazine rack.

Aside from being antique collectors extraordinary, the Hanns re-finish and renovate most of their furniture and tableware to harmonize with the other Early American furnishings.

Latest workshop item is a pie safe which will soon join a solid cherry dining table and original Hitchcock dining chairs from the Empire period. "Notice the chairs are bowed to accommodate the ladies' hoop skirts," Martha Jane points out.

The kitchen boasts a pine hutch table topped by a wooden butter-molding bowl. Candle molds, wooden potato masher, salt-glaze pitcher, hand-blown glass candy jar, pewter plates are but few of the relics lining the walls.

The Hanns got the antique "bug"

about five years ago, and began their hobby by ransacking relatives' attics in Zanesville, O. They specialize in cherry and pine woods; their living and dining rooms are predominately cherry, the master bedroom, with its canopied bed, pine.

A while back, a new television set posed quite a problem, with Martha Jane insisting it was "out of character and had to go." Not to be cheated out of his football games and wrestling matches, Jim tore through one wall of the living room, and above a school master's revered desk, encased the screen — now well hidden by a framed frontier sampler, embroidered by his wife.

Jim is an expeditor in Purchasing Services, formerly was traffic analyst in Traffic. He has been with Sandia Corporation five and a half years. Young heirs of the antique collection are daughters, Marsha and Mary Lynn.

Perhaps the most prized of all in the Hann collection is an original Paul Revere lantern, the very kind used by the American patriot on his famous ride back in Revolutionary Days. "Even the Paul Revere Museum doesn't have one," say its proud owners.

Weddings and Engagements

The betrothal of Beverly Sue Hazel, 3154, to Rodney W. Shoemaker, of Albuquerque, was announced recently. A December wedding is planned. Both are former students in business administration at the University of New Mexico. Beverly, a receptionist in Personnel Testing, has been with Sandia Corporation since June, 1954. She formerly held a secretarial position with the U. S. Air Force in Germany two years.

St. John's Methodist Church was the scene of the wedding of Luane Cipra, of Albuquerque, to Don Williams, Jr., 1611. The newlyweds are now at home at 912 Lead SE.

Fiance of C. A. Blossom, 1932, is Julie Leal, secretary in 1732. Julie is a graduate of Harwood Girls School and Browning Commercial School; she joined Sandia Corporation in January, 1951. The prospective bridegroom, a native of Richmond, Ind., is a planning and scheduling co-ordinator; has been in Material and Field Services since May, 1953.



Miss Leal

Miss Cox

January 7 has been chosen as the wedding date for Marguerite "Bee" Cox, of the Federal Personnel Branch at AEC, SFOO, and Andrew Lieber, Jr., 1323-1. Their engagement was announced informally Oct. 14. Andy joined Sandia Corporation in July, 1952, shortly after receiving his B. S. degree in electrical engineering from the University of Louisville, Ky.

Rachel Maes, of Albuquerque, became the bride of Felix C. Almaraz, 1924-2, Saturday morning, Oct. 22, in Sacred Heart Church. A wedding reception was held at 10 a. m. in the home of the bride's parents, Mr. and Mrs. Alex Maes, 715 Second SW. The newlyweds planned a short honeymoon to Las Vegas, Nev.

Notice

Civilians or military personnel finding hammers, axes, long punches, or chisels—or a group of these tools on the Base are asked to turn in the tools to Plant Security, Sandia Corporation, Dept. 2450, ext. 23149.

Mountain Club to Visit at Arizona's Canyon de Chelly

A three-day trip to Arizona's Canyon de Chelly National Monument will be made by the New Mexico Mountain Club Nov. 11-13, provided a sufficient number of club members are interested. Hikers will go down into the canyons to White House Ruin and possibly another cliff dwelling.

Arrangements on transportation and supplies can be made by contacting Hank Tendall, ext. 32141, or Dorris Ehret, ext. 46152.

AIEE Section to Visit Control Tower At Kirtland AFB

A tour of the Kirtland Field control tower, and the airport weather station will be made by members of the Northern New Mexico section of the American Institute of Electrical Engineers, according to Neith Pollard, 5413.

The tour will be Nov. 12 at 1:30 p. m. Members will meet first in the lobby of the Municipal Airport building.

Hygiene —

(Continued from Page 1)

Sandia's weapons development program.

In a city as large as Albuquerque the size of airborne dust particles is important. If they are larger than 50-100 microns (a thousandth of a millimeter) it's not to be worried about. Kingsley points out that all Albuquerque dust storms are 50 microns or larger.

The smaller dusts: asbestos, silica, manganese are the ones that cause the trouble.

Sample Atmosphere

Kingsley and his staff regularly sample Sandia's on-the-job atmosphere everywhere in the Technical Area. Should samples show high dust content, filters are specified, protective clothing ordered, and exhaust fans and other safety devices immediately installed. Work ceases in the area until corrective measures are completed.

Sandia's findings and reports in the field of industrial hygiene eventually become a part of an industry-wide effort to correlate and systematize all such information. With this information the government compiles so-called tolerance standards for manufacturers, drug houses and steel mills.

Assisting Bill Kingsley in 3161 are Al Hobbs, who designs equipment and operates sampling equipment; Garvey Pierson, chemical technician, and Grover Edwards who maintains and operates radiation dosimetry apparatus. Catherine K. Helm is division secretary.

The Inquiring Reporter Asks:

Why did you come to work for Sandia Corporation?



Mearle G. Hicks, staff member, 1242: There is great potential here in all phases of engineering, development and research. I wanted to take advantage of this opportunity to gain experience in my particular field — electrical engineering. Also, I think housing facilities in Albuquerque are excellent. New homes are plentiful and they're priced right.



Oreste Ganzerla, technical illustrator, 2463: Insurance and sick leave programs here are the best. After two years I will be covered by a life insurance policy paid by the company. Also I have hospitalization, medical and surgical benefits at moderate cost. The sick leave I am accumulating, a day and a half each month, may be needed in an emergency.



Norman Ransom, draftsman, 1641: I chose Sandia with an eye on the present—and the future. Sandia retirement plan, whereby both the company and the employee contribute, is the easiest way I know to plan for future security. If I should leave the company before retirement age, all my contributions to the plan will be returned to me — with interest.



Richard E. Chamberlin, staff member, 5120: I like this intermountain region and its dry, healthful climate. I think Sandia offers the best all-around program of services and fringe benefits to its employees in this area — in fact, it is among the tops in the country. I have never heard of a firm with a comparable vacation plan — 24 days per year.



Marie Luna, stenographer-clerk, 2331: The good salary attracted me, although other factors also influenced my decision. While living in Velarde, N. Mex., I knew several Sandians who were well satisfied with their work here. I know now what they meant by an "atmosphere of congeniality." I've been here only a month, yet I've made many friends.

Score: 48 Years of Bowling!

Relaxation, coordination, good timing are the trade secrets of the high-average bowler, according to Rudy Vinovich and Elliott Dadian, both of 2221-3. "These things — and constant practice, day-in, day-out, make the good bowler a champion bowler," they say.

Rudy and Al Dadian should know. Between them they've tallied 48 years of active bowling competition, most of it on a championship basis. They have been Albuquerque teammates in doubles and five-man team play for five years.

Started 30 Years Ago

Rudy Vinovich began his pin-killing some 30 years ago. Since that time, he says, he has bowled at least four nights a week, more often five.

He began setting them up and knocking them down at alleys in his hometown of Lorraine, Ohio, when he was 16. Five years later, he was traveling throughout the state of Ohio, boasting a 202 average; ten years later, he was taking top championships, was inter-state champion in 1936, 1937, 1938, and 1939.

He has kept this up. The past eight years he's posted the highest average in the Southwest, now holds a lifetime bowling record of 194 points per game.

Rudy likes bowling because "it's a clean sport, cleanly run." It can't be beat for keeping a man fit after he's passed 40.

Bowls Southpaw

A southpaw bowler, Rudy has averaged more than 200 pins a game for many years but has never attained a perfect 300 game. This disturbs him. "I've had a lot of ten and eleven-strike games," he says, "but no perfect game. Closest I ever came to it was the first year I began bowling back in Ohio. I was learning to keep score, and I had seven straight strikes in this game. I saw they weren't marking any score down; I asked about that. The scorekeeper told me 'We'll keep the score, kid. You keep rolling strikes.' But I wanted to see them mark a score, so I threw the next one down the gutter on purpose. You know that ball I put in the gutter was my only miss that night?"

Rudy was invited recently to appear on the National Championship TV Bowling program, but was forced to decline due to illness.

Teammate Elliott Dadian has bowled with Rudy Vinovich since 1950, and maintains that Rudy is still as good as ever. Dadian himself doesn't do too badly on the lanes. Currently he holds a 189 average.

Dadian doesn't hit the alleys as rigorously as Vinovich, yet he manages two nights a week, would like to do more.

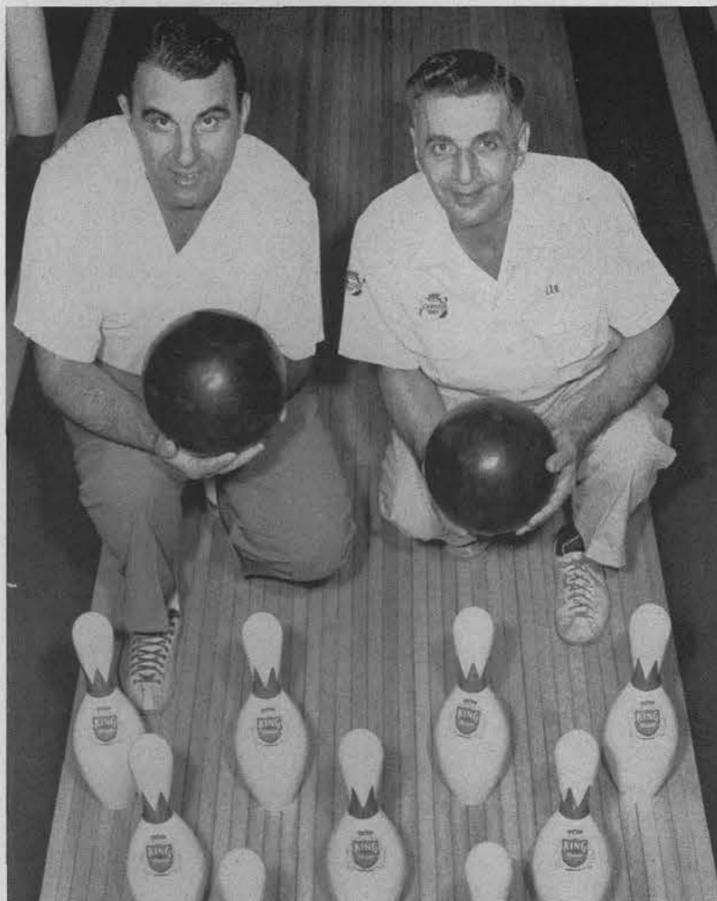
Bowled in Detroit

Al began bowling in 1937 with the Chrysler Office league in Detroit, Mich. He has participated since then in the ABC National Bowling Championships at Chicago, Seattle, and Fort Wayne, Ind. "We never ended up in the big money," Al adds, "that's Big Time competition up there."

But Rudy and Dadian have done well in local leagues. Dadian scored the highest number of pins in last year's city tournament, was runner-up in the Schlitz Master's with 279 pins. His closest approach to a perfect game was nine straight strikes. "After nine strikes," Dadian admits, "I lost all control."

Dadian, supervisor of Electrical Ordering Section, lives with his family at 501 Chama SE, has been a Sandia Corporation employee since June, 1948.

Rudy Vinovich, an order analyst, has been with Sandia Corporation since 1950. He is married and has three children, Dolores, Donald, and son, Joey. They live at 2126 Wisconsin NE.



Rudy Vinovich

Al Dadian



MONROE, SAM, JEFF Blaylock await "driving" orders in Corporation Motor Pool after readying big vehicles for over-the-road trips.

3 Brothers—Sandia's 'Gear Jammers'— Drive 'Em All From Large to Small

They're a driving family, those Blaylocks. Three of them drive for Sandia Corporation.

Sam, Monroe and Jeff Blaylock, all of 2417, each day put various heavy trucks and road equipment through their paces. Semi-s, tractors, graders, fork lifts—if it's got wheels, a Blaylock can drive it, and probably is.

Originally from Hammon, Okla., a small town on the main line of the Panhandle and Santa Fe Railway, 150 miles west of Oklahoma City, the gear jamming brothers now call Albuquerque home.

Sam makes regular runs all over the country, has been in 40 states since he joined Sandia Corporation in 1948. Monroe followed in Sam's tire tracks, has also been in most of the 48 states.

But Jeff, who prefers the country near home, specializes in fork lifts, heavy equipment, floats, bulldozers. For that reason, he's been in only 36 of the states, is considered a homebody by his driving brothers.

Sam, traveling man of the Sandia Corporation trio, often makes 14 to 16-day trips across country, visits the East Coast often. Monroe who travels occasionally to the West Coast and Jeff may not get about as much as older brother, Sam, but brag they can drive anything in heavy equipment except a railroad locomotive. "The Corporation doesn't own one of those—yet."

The Blaylock boys—there were eight of them—grew up in cattle, cotton and grain country of Oklahoma. From the time they crawled up on a truck they could drive it.

Sam and Jeff Blaylock live in adjoining houses in Los Lunas, share the same mail address. Monroe lives with his family at 709 California SE.

Of course the Blaylocks drive to work. Commuting is a pleasure for them. After wrestling a many ton truck, fork lift or earth mover all day "those wheels of a sedan feel good."

Ohio State Alumni

Ohio State alumni will meet Tuesday, Nov. 8, at 6:30 p. m. in the Fez Club to hear Prof. Arthur P. Bailey speak on "Thailand."

Professor Bailey, chairman of the industrial arts department of the University of New Mexico, has recently returned from a two-year assignment in the Asiatic country, where he headed vocational education administration for the U. S. State Department.

Reservations should be made with Mrs. Ralph Bower, Alb. 2-1057.

Official Speaks to ASTE Members Nov. 9

H. E. "Rip" Collins, manager of process tooling for the Hughes Tool Company of Houston, Tex., will address the Albuquerque chapter of the American Society of Tool Engineers Nov. 9, at 8 p. m. The meeting will be at the Hilton Hotel.

Topic of his talk will be "Machines, Tooling, Methods of Manufacture in England and the Continent, and Their Effect on Our Export Market."

Mr. Collins, national second vice-president of the American Society of Tool Engineers, will speak following a dinner at 7 p. m.

Secretary Group To Hear Sandian

H. W. Maglidt, 1920, will be the principal speaker at the business session of the regional convention of National Secretaries Association in Albuquerque Nov. 6.

His subject will be "What Management Expects From Its Secretaries."

Manager of the Staff Administrative Service Department at Sandia Corporation, Mr. Maglidt has in his organization 274 secretaries who work for Sandia research and development organizations.

Mr. Maglidt started work here in October, 1949. Since 1937 he has been with Western Electric Company at its plants in Baltimore, Md.; Scranton, Pa.; Winston Salem, Greensboro and Burlington, N. C.

His work with W. E. and Sandia Corporation has been in the fields of industrial engineering, job analysis and business methods.



H. W. Maglidt

Engineers to Hear Registration Laws Discussion Nov. 14

R. J. Rhinehart, national vice-president of the Society of Professional Engineers, speaks to the New Mexico chapter of the organization Nov. 14 at 7 p. m. at the Alvarado Hotel. Mr. Rhinehart is from Pine Bluffs, Ark.

His topic will be "A Study of Engineering Registration Laws in Various States."

A social hour will be held preceding the dinner, from 6 to 7 p. m.

Nomination of a slate of officers to be elected in January, 1956, will be announced.

Engineering Educator Dinner Speaker at IRE Meeting Tonight

Dr. John D. Ryder, dean of the school of engineering at Michigan State College, East Lansing, Mich., will speak to the Albuquerque-Los Alamos section of the Institute of Radio Engineers at a Ladies Night dinner tonight at the Coronado Club at 6:30 p. m.



Dr. John D. Ryder

His topic: "Automatic Electronic Production or, Sanitary Radio: Radio Untouched by Human Hands" will outline new methods of radio manufacture and technical processes.

Professional Group Activities

Dr. Frederic G. Hirsch, Sandia Corporation medical director, will address members of the IRE Professional Group on Nuclear Science Nov. 9 at 7:30 p. m. in Room 107 of Mitchell Hall, University of New Mexico.

His topic will be "Radiation Cataclysms."

Telemetry-Remote Control

Reuben H. Gablehouse, 5223, will speak on "Trouble With Transistors" at a meeting of the IRE professional group on telemetry and remote control Nov. 8 at 8 p. m. Scene of the meeting will be Room 201, Electrical Engineering building, on the University campus.

His paper will be a review of problems encountered in engineering circuits and in applications to telemetry.

Information Theory

Bennett L. Basore, 5441, will discuss "Elements of Probability Theory" at the Nov. 9 meeting of the IRE professional group on information theory. The meeting will be 8 p. m. in Mitchell Hall 218.

Basore's paper will be basic to the field, and all interested engineers are invited.

ISA Meets Nov. 16

Frank H. Bridgers of Bridgers and Paxton Consulting Engineers, Albuquerque, will address members of the Albuquerque section of the Instrument Society of America Nov. 16 at 8 p. m. The meeting will be in the Conference Room of the University of New Mexico warehouse building.

Mr. Bridgers will discuss "Heat Pump and Instrument Controls of the Simms Building Plant."

Coming Events

—Theater, Art, Music, Lectures—

Friday, Nov 4

University Program Series presentation of "Fiesta Mexicano," Carlisle Gymnasium, UNM campus, 8:15 p. m. (through Saturday, Nov. 5).

"The Rainmaker" presented by the University Theater, Rodey Hall, 8:30 p. m. (through Saturday, Nov. 5).

Saturday, Nov. 5

Book Fiesta sponsored by Theta Sigma Phi, Botts Memorial Hall, Albuquerque Public Library, 2-4 p. m.

UNM Film Society presents "The Good Earth," Mitchell Hall, 7 and 9 p. m.

Titanium Welding Subject of Talk Before AWS, ASM

John J. Chyle will discuss "Practical Aspects of Welding Titanium Alloys" before a joint meeting of the American Welding Society and the American Society for Metals, Thursday, Nov. 10.



John J. Chyle

The dinner meeting will be at the Desert Sands, 5000 Central Ave., S.E., at 7 p. m.

Mr. Chyle, director of welding research for the A. O. Smith Corporation, Milwaukee, Wis., has invented and patented a number of electrodes and processes.

A discussion of the many problems found in welding and joining titanium alloys will be presented by Mr. Chyle.

Harry Holmes, ext. 32246, may be called for dinner reservations.

Sympathy

To Ray Pierotti, 1241, for the death of his mother-in-law Oct. 19 in Pittsburgh, Pa.

To George Janser, 5311-1, for the death of his father Oct. 18 in Rockford, Ill.

To Anna Averyt, 4135, for the death of her father Oct. 18 in Wilson, Okla.

To Charles J. Kaspar, 3153-2, for the death of his father Oct. 2 in Chicago, Ill.

To R. E. "Tex" Irvin, 1631, for the death of father Oct. 20 in Woodward, Okla.

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, Nov. 10

FOR SALE—

CHILD'S SANDBOX, on legs, has striped canvas canopy, \$3. Weber, Alb. 5-5090.

ANTIQUA TABLE LAMP, original Gone With The Wind design, over 100 years old, \$55. Smitha, Alb. 6-9493.

TYPEWRITER, Underwood Champion portable with carrying case, \$60. Currie, ext. 2-8252.

HUNTING TRAILER, 2-wheel. Sladek, Alb. 2-2514.

3 VENT-O-LITE blinds for kitchen windows; PA system; 16-in. TV. Howard, Alb. 5-7846.

3-BR HOUSE, den, 2 baths, swimming pool, air conditioned, near high and grade schools. Luke, 520 Jackson SE, Alb. 5-5755.

CAMERA, 35 mm. Mercury 2, \$40; floor mat stamp press, \$50; gas range, \$25; typewriter, \$45; wringer washer, \$10. Wallen, Alb. 5-6167.

KITCHEN CRAFT deep fry, new, still in original carton, take best offer. McGehee, Alb. 6-7314.

FRIGIDAIRE refrigerator; Magic Chef stove; 4-drawer chest, vanity, twin beds. Dunn, Alb. 5-9213.

3-BR HOUSE, walls, landscaping, near schools, bus, shopping, base, low down payment. Millard, Alb. 6-5135.

PUPPIES, English Springer Spaniel champion bred, AKC registered, \$50. Barth, ext. 44160.

1953 35-FT TRAILER, 2-BR, carpeted, awning, portable extension room, or trade on house. Voitle, ext. 2-6146.

USED RUBBER TILE, approx. 500 squares, 9"x9", reasonable. Norman, Alb. 5-0109.

1952 PONTIAC Catalina. Good condition. Priced to sell. 8010 Princess Jeanne, NE.

CHAIRS, dozen folding, \$20; floor lamp, \$5; girl's 26-in. bicycle, \$20; ping pong table; car-top luggage racks, \$4.50. Buck, Alb. 6-6651.

1953 PONTIAC Catalina, 2-door, radio, heater, hydramatic, power brakes, whitewalls. Wildgoose, Alb. 5-1089.

FRAZIER SADDLE, hand-tooled, with bridle, blanket, \$125; 8-wk-old Scottie, no papers, \$35. Porter, Alb. 6-6749.

WILTON RUG, 9x12, wool, \$20; cedar-lined chifferobe, \$25; dark walnut bed to match, \$15, Ashby, Alb. 6-9016.

1948 FRAZIER, radio, heater, overdrive, new transmission, brakes, \$125. Boddy, Alb. 5-0937.

KROEHLER DAVENPORT with slip cover, \$45; matching chair, \$20. Brown, Alb. 5-0566 after 3.

MAPLE DINETTE set, table, 4 chairs, \$25; maple corner cabinet, \$30; girl's 26-in. Columbia bicycle, \$15. Hurford, ext. 46281.

CUSTOM DRAPES, floral pattern, for living room, Mossman Bel-Air home. Richardson, Alb. 4-4324.

PORTABLE WASHER, Handi Hot, timer, wringer, \$28; headboard halves for double or two 30-in. beds, unfinished, \$25. Tendall, ext. 23195.

RUGS, 2 genuine Anglo-Persian 8x10, \$15 ea.; 2 matching runners, both \$17.50; wool runner 3x12, \$15. Joseph, Alb. 6-5414.

BICYCLE, Girl's Schwinn with extras, \$25; also dog house, \$7.50. Persson, Alb. 5-5038.

1947 PONTIAC, 3-yr. old motor, radio, heater, new brakes, \$120. Kaping, ext. 45175.

ELECTRIC RANGE, GE airliner; deep well cooker, timer oven and outlet. Fox, Alb. 6-2606.

GIRL'S COAT, size 6, red and grey plaid, \$5. Southerland, Alb. 6-5865.

BABY STROLLER, \$5; portable electric heater, \$5; baby bassinet with cover, mattress, \$5. Jones, 3136 34th Pl., Sandia Base.

1955 JEEP, 4-wheel drive, full top, or will trade. Shively, Alb. 5-3203.

REMINGTON 721, 30-06 with scope, sling, ammo., \$125; 12-ga. Ithaca, shells, case, \$65; 6x9 wall tent \$18. Pliner, Alb. 6-1907.

GIRL'S SNOW SUIT, light green, size 18 mos. Williams, Alb. 6-4214.

BEDROOM SUITE, blond oak, 7-pc. with box spring, mattress, cost \$350, sell for \$100. Fields, Alb. 4-2291.

MECHANIC'S WRENCHES, assorted sockets, end wrenches, hammers, etc., sell separately or as a lot, reasonable. Sherwin, Alb. 5-8866.

MAHOGANY TV table, \$10. Moser, Alb. 6-2109.

WASHER, apt.-size Monitor Aerator, drain pump, wringer, \$35. Coleman, Alb. 4-4185.

HOLLYWOOD BED, single, red leatherette, box spring, \$12. Weber, Alb. 4-5256.

RCA 45 speed record player with changer, cleaned and overhauled, dark brown, \$29.50. Park, ext. 33245.

1948 Pontiac Streamliner 8 coupe sedan, radio, heater, auto transmission, spotlight, sun visor, clean. Jack, ext. 5-6190 evenings.

26-IN ENGLISH-MADE bicycle, 3 mos. old, \$60 new, consider \$35 or best offer. Scott, Alb. 2-4459.

3-BR BRICK, 1 1/2 baths, central heat, air conditioned, sprinklers, wall, patio, near schools, West Gate. Burgin, 1104 Georgia SE, Alb. 5-9480.

ARM CHAIR, large, over-stuffed brown. Provincial, slip cover, \$7.50. Hilton, Alb. 5-5432.

ELWOOD ENLARGER, 5x7, with negative carrier and baseboard, no lens, \$25. Goodwin, Alb. 5-0656.

SINGER TREADLE sewing machine, \$15; 30-40 Krag, make offer. Laskar, Alb. 3-1554.

BICYCLE, girl's 24-in. \$20. Kohut, ext. 20296.

HORSES and colts, gentle to unbroken, \$30-\$80; firewood, cut it yourself, \$3 trailer load, weekends only. Redlinger, ext. 46244.

1941 CHEVROLET 4-dr. sedan, radio, heater, \$295. Maupin, Alb. 6-1545.

HOFFMAN DELUXE home, 3-BR, 2 baths, walls, sprinklers, carpeting. Little, 2710 Mesa Linda NE, Alb. 6-3768.

FREEZER, 22-ft.; Speedqueen ironer; contour chair, maple lamp and end tables; 8-in. bench saw and accessories. Furry, Alb. 4-3200.

1950 PLYMOUTH Special Deluxe, 4-dr., radio, heater, \$360 or best offer. Carli, Alb. 6-3890.

HOTPOINT electric range, \$175. Kral, 4700 Southern SE.

MAYTAG wringer-type washer, pump, used 1 yr., \$90; 1941 Chevrolet coupe, \$75, consider trades and financing. Lotz, ext. 45173.

1953 CROSLY television 21-in. table model, blond, revolving table, antenna, \$125. Harper, Alb. 6-1657.

1955 OLDSMOBILE Super 88 Holiday, radio, heater, extras, \$2800; girl's 26-in. bicycle, \$20; boy's 26-in. bicycle, \$10. White, Alb. 6-5060.

THAYER BABY carriage, \$15; baby crib with mattress, \$15. Allen, Alb. 5-4159.

UNIVERSAL WASHER, wringer-type, tubs, priced for quick sale. Drake, 930 Madeiria Dr. SE.

1948 CADILLAC 62, \$650 or best offer, Kelly, Alb. 4-3518.

COMPLETE well outfit; girl's size 3 ice skates; bike training wheels; men's golf clubs; down spout with hood. DeHaan, Alb. 4-4805.

1949 DODGE panel, ideal for hunting or fishing, new motor and front end, heater, spotlight. Hughes, Alb. 5-5796.

LARGE 2-BR and den house near Highland High; 120x60 lot in grass, wall. Althouse, Alb. 5-6274.

GERMAN EAGLE LUGER 9 mm. with holster. Gathman, Alb. 6-4952.

LIONEL 027 layout, diesel passenger, steam, freight, dual transformer, 4 switches, 3 uncouplers, mounted for boy's room, \$120. Lenander, Alb. 6-0777.

THOR WRINGER-TYPE washer, \$25. Denish, Alb. 6-1559.

3/4-SIZE VIOLIN complete with case, \$50 or trade for deer rifle. Kerley, Alb. 6-9274.

ROLLEIFLEX, 2 1/2x2 1/4, 35 mm. Rolleikin back, set of close-up lenses, parallax corrector sun-shade, GE meter, best offer takes it. Paul, Alb. 6-7540.

BY OWNER, 3-BR or 2-BR with den, double garage, corner lot, sprinklers, walled, newly decorated, carpeted, \$1000 down, Mrs. Halloran, 736 Cagua Dr. SE.

1941 CADILLAC, 4-dr., radio, heater, \$125. Botts, ext. 25262.

URANIUM prospecting equipment. Detection drill hole geiger counter, portable chemical testing kit, portable ultra violet lamp, big discounts. Sisler, ext. 25173.

1953 OLDS Super 88, 4-dr., power brakes, steering, radio, heater, whitewalls, accept older car for equity. Anderson, Alb. 2-3713.

1954 PLYMOUTH station wagon with overdrive. Judd, ext. 48143.

UPRIGHT PIANO, Meister, black finish, \$100. Brinegar, Alb. 6-1866.

LANE CEDAR CHEST, \$20 or best offer. Binder, ext. 24254.

CAMELS HAIR COAT, leggings, hat, brown suit, both size 7, \$7.50 for both. Purdue, Alb. 6-0802 after 5.

2-BR HOME, near schools, bases, shopping, buses, low down payment, walled, lawn, attached garage. Smith, 1206 Jackson SE, Alb. 6-1605.

KENMORE SEWING MACHINE, blond cabinet, late model, \$125, must see to appreciate. Hopper, ext. 46157.

22 HI STANDARD Sportking; 20-ga. Mod. 12 Win., or trade; mahogany dining table, 4 chairs, \$75. Gregory, Alb. 5-8066 after 5:30.

GE WRINGER WASHER, pump \$55; Thayer baby carriage, \$18, make offer. Bledsoe, Alb. 6-4411, ext. 27147.



FIRE FIGHTING DEMONSTRATION is conducted at Salton Sea Test Base as part of Fire Prevention Week observance by H. Dillard and V. McNabney.

Ski Club Planning Steak Fry Tomorrow

Sizzling T-bone steaks broiled over an open camp fire will headline the menu at the annual chuckwagon dinner of the Albuquerque Ski Club tomorrow evening, Saturday, Nov. 5, at 6:30 p. m.

Club members and guests are to meet at the YWCA's summer camp grounds in Tijeras Canyon, according to Dick Kavet and Russ Beach, both of 2553-3, and members of the chuckwagon planning committee. Price of the dinner is \$2 per person.

TWO-mantle gasoline lantern, ideal for hunting, fishing, camping. Weidman, Alb. 2-5188.

ELECTRIC TRAIN, 4 locomotives, passenger and freight cars, accessories. Campbell, Alb. 6-0085.

TYPEWRITER, Royal upright, \$20. Mancuso, Alb. 6-8001.

WANTED—

RIDERS for 2 car pools, one to Bldg. 800, other to UNM, from vicinity San Pedro and Central. Monk, ext. 26156.

TO BUY cribs or small baby beds, high chairs, play pen. Whiteman, Alb. 5-3311.

USED EXPOSURE METER, Weston II or Norwood (Brockway) Director or similar; Rolleiflex accessories, what have you? Puder, ext. 26135, Alb. 6-8578.

ALL-DAY CHILD CARE in home of registered nurse, Cunningham, 9908 Claremont NE, Snow Heights No. 2, Alb. 6-8397.

RIDE from vicinity Menaue NE to 880. Marion Ewald, 2704 Georgia NE, Alb. 6-1019.

RIDE from Princess Jeanne Park to 880. Roper, 1205 Morris NE, ext. 27134, Alb. 6-3484.

24-IN GIRL'S BICYCLE. Millikin, ext. 34148, Alb. 6-6119.

RIDE from 2746 Montclair NE (Bel Air) to 800. Millie Hulan, ext. 28241, Alb. 5-0220.

1949-50 CHEVROLET or Ford pickup. Pliner, Alb. 6-1907.

RIDE from 9108 Mescalero Rd. NE to 800 or vicinity. Marie Luna, Alb. 6-3368.

RIDE from vicinity 9005 Cordova NE to South Gate. Reed, ext. 2-3255.

RIDERS or join car pool from Barcelona SW to Gate 4 or enroute Isleta Blvd. Shirley Hicks, Alb. 3-9113.

RIDE from Manzano and Menaue NE to 802. Hines, Alb. 6-7872.

RIDE from Madison St., Bel Air, to vicinity Personnel Bldg. Helen Besser, ext. 26152.

VIOLIN, 9th grade girl earning money to buy own violin, has had 2 yrs. in Jr. High Orchestra. Watkins, Alb. 6-6329.

RIDE from 200 63rd St., SW to 887. McLaughlin, Alb. 7-9975 after 5:30.

DRIVERS for car pool from vicinity Highland High to 880 parking area. Eagan, Alb. 5-6820.

RIDE from Kirtland Addition to 880. Bradshaw, 1721 Gerald SE.

TO GIVE AWAY 3 male kittens, part Siamese. Rector, ext. 43185.

DIXIELAND TROMBONE player, also helicon or tuba, for musical group. Bussey, Alb. 3-7250.

TO CARE for infants, any age to 1 yr., special nurse's care, near bases. Whiteman, 804 San Pedro SE, Alb. 5-3311.

ARGUS C-3 camera flash unit. Horton, ext. 32150.

CRAFTSMAN 8" BENCH SAW with 1/4 hp. motor, reasonable. Richardson, Alb. 4-4324.

FOR RENT—

1-BR HOUSEKEEPING cottage, modern, furnished or unfurnished, 1/2 mi. off Hwy. 66 on Rt. No. 10 North, \$50. Stuart, Cedar Crest No. 2.

1-BR APARTMENT, unfurnished, no pets, \$62 mo. Coomer, 321 B. Vassar SE.

ROOM with home privileges to employed woman. Anderson, Alb. 6-0739.

2 BR HOUSE, carpeted, wall, garage, 10 minutes from Base. Stiver, Alb. 6-2723.

FOUND—

McGREGOR Man's jacket, maroon corduroy, in Conference room of 802. Lost and Found, ext. 26149.

Hunting —

(Continued from Page 1)

the state. The official hunting season in New Mexico opens on Veterans Day, Nov. 11, at sunrise, 6:37 a. m.

Trophy deer, the big bucks, are available, according to State Game and Fish department wardens, in the Apache National Forest just north of Silver City; in Lincoln National Forest near Carrizozo and Alamogordo; Santa Fe National Forest in the Jemez country; near Pecos and Tierra Amarilla; and in the Carson National Forest area near Questa, Red River, and Eagle Nest. Good trophies are available, however, at higher altitudes anywhere in New Mexico, the Game Department said.

Good Deer Hunting

For those Sandians who prefer just an ordinary, run-of-the-forest deer to fill the freezer, hunting is rated as good to excellent. This year almost 75,000 hunters will take to the field; of this number, about one-third will be successful, and contribute to the harvest of 20,000 to 25,000 animals killed annually.

If you would like to get a deer, remember that they are creatures of habit. Few move more than a mile or two during the day. Each day they utilize the same feeding grounds, the same bedding areas. They spend their lives in a circular area no more than a few miles across.

If you'll keep your eyes open — which, incidentally, is a good thing to do at any phase of your hunting expedition—you'll discover the heavily-used "runs" or paths which deer employ to reach water, or to ascend to higher altitudes for food. Once you've discovered their hang-out, locate a "watching spot" downwind from the "run", and spend a few hours with your eyes on the trail.

Spot Deer First

Biggest secret of deer hunting, the experts say, is to see the deer before he sees you, no matter where he is. Get within range, then aim at the chest, and bring him down.

Other big game in plentiful supply this year include black bear (fine hunting with or without dogs), and Merriam's Turkey rates as one of the finest natural game birds. Wary, cunning turkey are found in most New Mexico mountain ranges, and in the last six years, have greatly increased throughout the state.

Turkey are best hunted with a good caller; if you can locate a feeding ground, try to wait them out until roosting time at night, then bring them closer with a skillful turkey call.

There will be a short, slim season for pheasant hunters this year. But the total number of birds in the state increases steadily, promising larger limits in the future. Only two birds are allowed this year as a season limit. Season begins 1/2-hour before sunrise on Nov. 26, ends Nov. 27. The entire state may be hunted.

Eight quail daily may be taken during the season Nov. 26 through Dec. 11; 16 birds constitute a possession limit.

Best goose hunting may be found in the flatlands near Clayton, N. Mex., in the northeastern portion of New Mexico. Geese, like ducks, are migratory fowl, and a Federal Migratory Bird Stamp is required of all hunters.

Duck Season Open

Duck season opened two days ago, continues through Jan. 15. A limit of five a day, with 10 in possession has been set for ducks. There'll be plenty of them in the lower Pecos Valley near Roswell and Artesia, and above and below Albuquerque along the Rio Grande.

For non-game animals: mountain lion, bobcats, coyotes, porcupines, skunks, no big game license is required. They can be hunted at any time.

If you're not successful at deer hunting, or birds, or non-game, why not try cottontail trailing? Use a .22, then beat the hares out of the thickets; you'll find it's good hunting sport.

ASQC Meets Nov. 7

Members of the Albuquerque section of the American Society for Quality Control meet Nov. 7 at Room 102 in Mitchell Hall on the University campus, according to Al Hurford, 5331, publicity chairman.

A program on management's relationship to quality control will be held, with an educational session slated for 7:30 p. m., and a business meeting at 8:15.

E. B. Mann Speaks To Tech Writers

E. B. Mann, director of the University of New Mexico Press since 1949, will be guest speaker at a meeting of the Albuquerque Society of Technical Writers Nov. 21 at 7:30 p. m.

He will speak on "Writers, Publishers, and University Presses."

Mr. Mann, author of 18 western novels, is a past managing editor of The American Rifleman, past associate editor of the Military Service Publishing Company, and presently directs University publication of books in fields of archaeology, anthropology, literature, Indians and their cultures.

A report on the First National Convention of the Society of Technical Writers held in New York Oct. 21-22, will be given by Frank Owens, 5512.



E. B. Mann

G. I. News—

From Sandians in The Armed Forces

Ens. Edward R. Holland, formerly of 5423, writes that he has been in the Public Works Department of the Naval Air Station in Agana, Guam, about a month and expects to be stationed there 18 months to two years. His wife joined him Oct. 7. Ed's address is:

Ens. Edward R. Holland
Box 80, Navy No. 943, F. P. O.
San Francisco, Calif.

Three Sandians who went on military leaves in September are attending Naval Officers Training School in Newport, R. I. They are Robert P. Baker 1342, Arthur K. Rue 5352, and Stephen Luchter 5142. Their present addresses are as follows:

Robert P. Baker OCSA
Section B-3, Class 24
U. S. Naval School, Officer Candidate
Newport, R. I.

Arthur K. Rue OCSA
Section B-3, Class 24
U. S. Naval School, Officer Candidate
Newport, R. I.

Stephen Luchter OCSA
Class 24, Section A-4, Batt. 1
U. S. Naval School, Officer Candidate
Newport, R. I.

Taking basic training at Fort Ord, Calif., is Pvt. Rex E. McKay, of 1634. He would like to receive letters from Sandia friends at the following address:

Pvt. Rex E. McKay
US 54151947
Co. G, 63rd Inf. Regt.
Fort Ord, Calif.

Lt. Richard O. Slates, on military leave from 1332 since June 4, sends his new address:

Lt. Richard O. Slates
232 Ashton St.
Alexandria, Va.