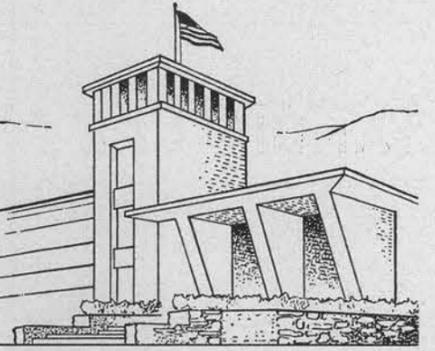


SANDIA LAB NEWS

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



Vol. VI, No. 14

ALBUQUERQUE, NEW MEXICO

JULY 2, 1954

Gen. Canterbury CO of Special Weapons Center

Brig. Gen. William M. Canterbury, USAF, has assumed command of the Air Force Special Weapons Center at Kirtland Field in Albuquerque. He replaces Maj. Gen. John Mills who has been assigned as deputy chief of staff of personnel at U. S. Air Force Headquarters in Washington.

General Canterbury, a native of Muskogee, Okla., was graduated



Brig. Gen. Canterbury
—returns to Kirtland—

from the U. S. Military Academy in 1934 and has been in the Air Corps since January, 1936.

Attended MIT

After service in the Philippines and at Scott Field, Ill., he entered Massachusetts Institute of Technology and completed a radar course and later returned to Scott Field as director of the radar school there.

He headed radar schools at Morrison Field and Boca Raton, Fla., and in 1943 was assigned to AAF Headquarters in Washington as Chief of the Radar Branch. After assignment in 1944 at Dalhart, Tex., and in early 1945 at Colorado Springs, Colo., he was named assistant to the deputy chief of staff for operations of the Eighth Air Force on Okinawa.

At Bikini

In December, 1945, he was reassigned to the AAF headquarters and participated in the atom bomb tests at Bikini. General (then Colonel) Canterbury became director of research and development of the Armed Forces Special Weapons Project at Sandia Base in Albuquerque in September, 1947.

In 1950 he became acting deputy chief of staff for development of the newly-organized Research and Development Command in Washington. In July, 1951, he was named chief of staff of the Atomic Energy Division in the office of the deputy chief of staff for operations. Gen. Canterbury assumed command of the 1009th Special Weapons Squadron in August, 1952, and in June, 1954, was transferred to the Air Research and Development Command.

John Peak Visits Lab After Finishing Navy OCS Training

Ensign John Peak, recently graduated from the U. S. Navy's Officer Candidate School at Newport, R. I., visited the Laboratory last week to report his change of address.

John left for military service last January from 1241. He is now assigned to Sandia Base for temporary duty with the Army's Special Weapons Project. His home address is 3431-F Anderson SE, Albuquerque.

★ Friends Give Help To Sandian After Serious Operation

John Courtney, who formerly worked in 5400, is improving from surgery, his wife, Dora Jo Courtney, AEC, reports. John is in Room 225, St. Joseph's Hospital, where he is recovering from an emergency operation two weeks ago.

More than 40 pints of blood were needed immediately following the surgery, Dora Jo said. Their co-workers and friends responded to the requirements, replacing the blood with donations to St. Joseph's blood bank.

Club Members to Ride Old Narrow Gauge on Colorado Picnic Jaunt

Durango, Colo., is the destination this weekend for members of the Gem and Mineral Club who will join the Four Corners Rock Club there for a gala Fourth of July field trip.

The three-day program includes a beef barbecue, a gem and mineral exhibit and dances by Ute Indians tomorrow, a train ride on the old "narrow gauge" for Sunday and tours of Mesa Verde and visits to old gold, silver, lead and zinc mines Monday.

Dean Wise, 2152, president of the local club, may be reached at home tonight, ext. 28169, for further information.

Valparaiso Alumni Planning to Visit Television Station

A tour of KOB-TV studio is on the program July 9 for alumni of Valparaiso Technical Institute who are organizing a VTI group in Albuquerque.

Jim Drake, 1652, and Lee Neeley, 1524, are spearheading the drive to form a chapter of Valparaiso Inst. or Dodge Telegraph and Radio Institute (former name of the school) alumni.

Scientific Group Organizes To Study Space Conquest

When a man soars to 60,000 feet, he has already encountered — and conquered—most of the problems of outer space, Chuck Charles of 5132, said today, in discussing the newly-organized American Astronautical Society, presently engaged in a nation-wide drive for members.

Charles, who holds membership card No. 53 in the society, admits that man will have to face up to the challenging problems of the cosmic ray and the meteorite rain he will meet on his voyages through the infinite. "But that will be done soon," Chuck says. "So why not a society to plan for man's invasion of the outer world?"

The American Astronautical Society, a New York incorporated

organization, believes that the conquest of space must be approached on the basis of sober scientific reasoning. "Not only from the standpoint of physics and chemistry," Charlie comments, "But from the medical, psychological, physiological and other aspects as well."

Purpose of the new organization is to disseminate and support creditable proposals for the conquest of space. Although there have been several regional astronautical societies in various parts of the nation, Charles said, the American Astronautical Society is the first to plan for the new science on a national scale. Address of the new society is 516 Fifth Ave., New York 36, N. Y.

Six classes of members are in-

cluded to affiliate: fellows, members, students, honorary, and corporate members and benefactors. Like its British counterpart, the Interplanetary Society, the Astronautical Society believes that space travel is just ten years and four billion dollars away. Most astronauts are certain, Charlie says, that a man-made space satellite is possible today. "Only the requisite money stands in the way," he adds.

Charles, a 1941 graduate of the New York University with a master's degree in meteorology, urges interested persons to contact him at ext. 48161. "The science of astronautics," comments Charles, "is another of man's great adventures."

Two Sandians Head City Civic Group

Charles E. Runyon, 1940, is the newly-elected president of the Alvarado Heights Civic Association, and Lloyd A. Philgreen, 1622, is vice-president.

The new slate of officers, including Owen L. Faught, treasurer, and Evelyn Keyes, secretary, were chosen at a recent meeting at Cortez school, regular meeting spot for the association on the third Thursday of the month.

Shirley Jiral, 2223, was named co-chairman of the publicity committee.

Sandia Employee Does Publicity for Summer Playhouse

Phyllis Flanders, 2464-1, this year again heads the publicity group for Albuquerque's Summerhouse Theatre which opened its '54 season last month.

Ten plays will be offered by the straw-hat theatre this year, among them the old favorite, "Arsenic and Old Lace," "Mister Roberts," and Noel Coward's "Design for Living." Reservations and information about the Summerhouse may be obtained from the box office at San Felipe Hotel in Old Town.

Sandian Earns MA In Music at UNM

Winifred Simpson, a mathematician in 5122, last month received her Master's Degree in Music at the University of New Mexico's June 10 commencement.

Winifred, who is the wife of Glen T. Simpson, 4312, was one of four graduate students receiving her M. A. degree in voice. "I love to sing and I enjoy the workshops," says this accomplished Sandian.

Winifred Simpson "I don't plan to teach music, but I will continue to study voice."

Winifred, who hails from Okmulgee, Okla., attended Oklahoma College for Women, Chickasha, for two years, transferring to UNM where she earned her bachelor's degree in Fine Arts in 1947. She appeared in a recital at the University last spring and also many other Albuquerque musical events.

Orchids, Leis and Hawaiian Music For Coronado Club Beachcombers

The gala Beachcombers Costume party, traditional in a long line of original Coronado Club entertainment events, will take the stage July 31 at the Club poolside. The Skyliners Orchestra is slated to provide Hawaiian music.

First 350 ladies to enter the Club will be presented with orchid corsages, flown from Honolulu especially for the occasion. All other

Beachcombers in attendance will be given leis.

On stage, six dancers from the Islands will provide a special floor show.

The Coronado pool will be open until 10 p.m., with dancing from 9 p.m. to 1.

Ticket prices for members have been set at 50 cents per person. The usual guest fee of 25 cents will be assessed in addition.

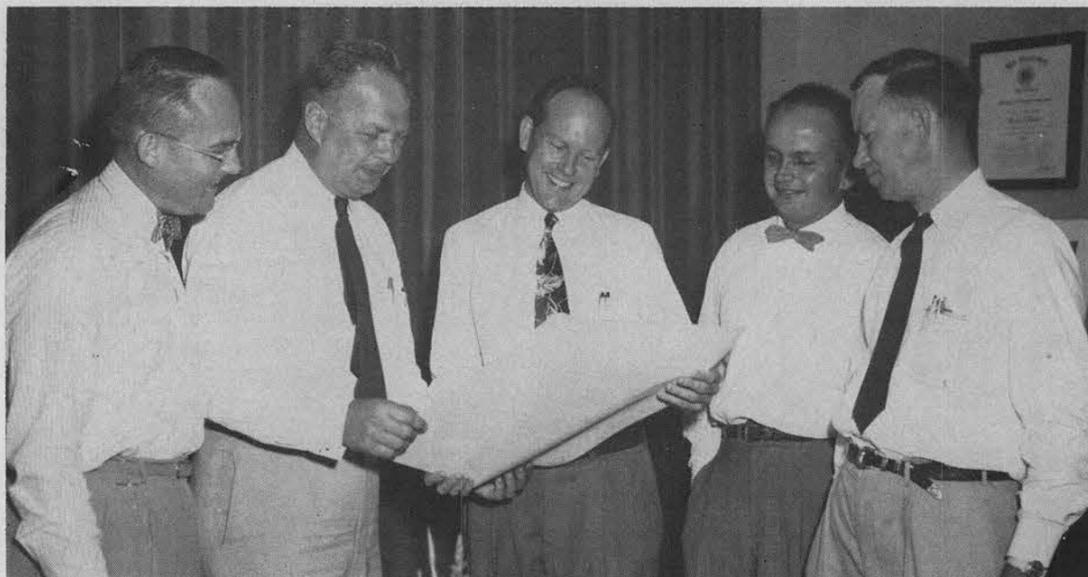


Photo by Richardson

THE CHIEF MOVES—The above photo was taken at a mid-morning gathering in honor of Glenn A. Fowler, former Director of Field Testing, 5200, and present Director of Electronics, by Field Test department managers, secretaries and 1900 staff. Examining the memento with Mr. Fowler, center, are, L to R:

Harlan E. Leander, 5220; William T. Moffat, 5240; Don B. Shuster, 5260, and Allan P. Gruer, 5210. William C. Scrivner, 5250, was away from the Laboratory on business at the time of the picture. All of the department managers have been with Mr. Fowler during the growing years of the Sandia Field Testing group.

New Coronado Club Directors Meet To Discuss '54-'55 Plans

Plans for an intensified membership campaign and extensive publicity activity will be discussed at the first meeting of the newly-constituted 1954-55 board of directors of the Coronado Club. The meeting will be today at the Club.

Presiding will be Charlie O'Keefe, president, who has appointed Gene Newlin entertainment director; Bob Chesnut to handle bingo; Charlie Kaspar, recreation; Al Gruer to head the membership committee; Margaret Wetzel, publicity; and June Moore, furniture and decorations.

O'Keefe hopes to broaden the over-all entertainment and service programs of the Coronado Club, so that a larger portion of the Coronado membership potential within the Sandia Corporation may be reached.

"We are aiming for a solid membership interest throughout the year," O'Keefe said, "with the hope that we can eliminate seasonal fluctuations in club interest and activity."

SANDIA LAB NEWS

Friday July 2, 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



Am I My Brother's Keeper? . . . Yes!

He was a strong man and shouldered the long four-by-four without any trouble. Riding easily on his shoulder, the load extended in front of him several feet. As he went down the hall the timber entered the corridor intersection ahead of him and slammed into the head of another man who suffered a bad cut.

At the entrance to another building a bucket of grease was dropped and did a good job of lubricating the sidewalks and steps. Before it was cleaned up a pedestrian slipped and received a compound fracture.

She was in a hurry and left the bottom file drawer open "just a second." Her co-worker walked into it, barked her shin, tore open a cut and of course ruined a pair of nylons.

In each case, the offending person was not injured. The innocent were the victims.

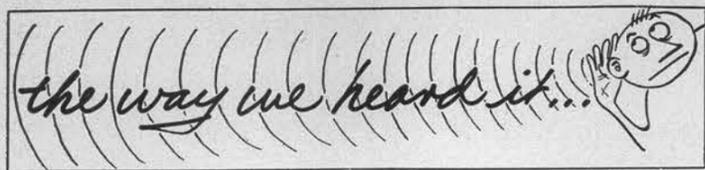
Wearing a "tin" hat, safety glasses and gloves isn't all there is to safety. Though vital in themselves they are not the answer to all accident prevention. There's the other fellow to look out for. And for someone else that other fellow may be you.

Drive Carefully This Weekend

We are entering another long weekend with many Sandians preparing for an automobile trip.

And this long weekend may end with a toll of road accidents which could be appalling.

Just about everything has been said about accidents over holiday weekends, but we'd like to add our caution for safe driving. You remember the old saying, "Drive carefully, you may meet a fool."



Pup vs. Bruin

Bob Knudson, 3125, was hesitant about taking his German Shepherd pup (about 35 pounds) to Yellowstone — fearful of what the bears might do to the house pet. While Bob was taking a picture out one side of the car a bear put his head in the other window. Prince took exception to the intrusion and before anything could be done was out of the car and treed the bear. Bob says Prince hasn't had time to read the cautions about the dangerous animals in the park.

No-Knowledge Dept.

A representative of Socony-Vacuum Oil Co. was visiting with a college senior about a job with his company. The recruiter started talking about oil and the senior appeared confused — then he ad-

mitted that he thought the company sold vacuum cleaners.

Still Astray!

One year ago tomorrow we called attention to the hollyhocks "gone astray" in the drainage ditch north of the road leading to the west gate. Despite drouth, etc., the hardy little plants have reseeded themselves and are again in bloom.

Hollyhuckster

Enterprising Cathy Hurford, 10-year-old daughter of the Al Hurfords, 3196 West Sandia Dr., is reported doing a brisk business with a flower stall set up in front of her home. Daddy's garden provides the blooms and one of Cathy's faithful customers is Admiral G. P. Kraker, AEC, who lives across the street from the young business woman.

A trip to Dallas, Tex., was enjoyed recently by Marvie McFee, 2221-1. Jim Rhodes, 2221-1, vacationed in Pennsylvania and Missouri. Ken Peterson, 2221-3, took a holiday at home; Bob Elledge, 2221-3, spent his vacation moving into a new house; Dave Hill entertained his mother, who is visiting from New Jersey, while vacationing from 2221-3.

Vacationers from 2331 include Jo Hanna, to Ohio; Mary Schutte, to Glenwood Springs, Colo., and George Dickson, at home.

I. N. Humble, 2441, spent his recent vacation in Kansas . . . "Fishing was good but the weather was hot," he reports.

Back at her desk in 2464-1 after an absence of a month due to illness is Juanita Bridge.

A. E. Willett, 2332, returned from his recent vacation driving a handsome '54 Chevrolet station wagon.

Vacationers from 4135: Clarence Schooley, and family to Kansas City; Genie Smith, home from a tour of New Mexico's scenic beauty; Dorcas Crosby, back from three weeks in Ohio; Annette Crays, at home to entertain relatives from Chicago; Kurt Baars, a holiday at home. Stan Landrith, 4133, went to Los Angeles for a vacation.

Betty Boxx, 4135, and Carl Boxx, 2122, recently moved into their new home, 2700 Carol NE.

Eloine Whitehill, 2231, has returned from a vacation trip to Iowa and Michigan. While visiting her sister in Marshalltown, Ia., "Elly" was interviewed on a radio program. "I put in lots of plugs for the Land of Enchantment," she reports.

"Georgie" Armbrust, 2464-2, and her husband, Irvin F. "Jack" Armbrust, 3171, enjoyed a vacation to Colorado last month.

Vacationers from 1500: C. E. "Chuck" Lewis, 1521, two weeks at home; Zena Ivey, 4222 (1521), motoring to the Grand Canyon and Red River.

Mary Pasko, 1512, enjoyed a week's holiday in Colorado recently. Ardelle Chambers, 1512, was a bridesmaid for her cousin during her recent visit to Tombstone, Ariz.

Isabel Lynch has returned to her desk in AEC after a leave of absence for the birth of her daughter, Jody Belle.

Eulita North, 2231, and her husband, Donald, 2452, and their two daughters have returned from a trip to the Ozarks. The highlight of the vacation was when Don hauled in a 35-pound Spoonbill. He also caught a 24-pound catfish.

His friends at the Laboratory wish a speedy recovery for Gene Pratt, 1513, who submitted to surgery recently.

Also recuperating from an operation is Frances Nobles whose co-workers in 2231 extend their best wishes.

Grover Hughes, 1261, spent last week in Colorado enjoying the scenery; Dick Freeman, 1263, is vacationing with his parents in Minneapolis; Charlie Hines, 1260, is on a tour of duty for the Naval Reserve; Sal Motta, 1271, will begin his vacation this weekend to entertain his parents from New York.

Peggy Porterfield and Cecile McIntosh, 1242, were hostesses at a stork shower for Marianne Burnam, 1240, June 24.

Edith Blum, 2120, joined relatives from the east on a tour of the Grand Canyon and trips to Phoenix and Mexico last month.

News from 1932: Clyde Leyba, two weeks of vacation fishing in the Jemez Mountains and a visit in El Paso and Mexico; Allene Cole, sightseeing on a holiday in Denver and Colorado Springs; Frank Speakman, two weeks trip to Los Angeles and San Francisco via Las Vegas, Nev.; Bill Neil and his wife, Marge, 2330, an unforgettable week in Hawaii where they lounged at Waikiki Beach and attended a luau at Don, the Beachcombers.

Dr. Charlotte Beeson and Joan Longhurst were honored at a stork shower June 12 at the home of Bernice Beeson, who was co-hostess along with Polly Loomis. Attending were co-workers of the guests of honor in 3160.

Vacationing from 3162 and showing her parents around New Mexico is Pauline Burnside, whose husband, George, is also vacationing from 5112. Leila Williams, 3160, rode the new San Francisco Chief to visit relatives in Oakland last month. Proud owner of a new MG is 3162's Mary Louise Roth.

Rodeo days are here again and 1643's "Tooter" Cosper will head for Silver City this weekend to participate. Martin Vigil was in the rodeo last weekend out North Fourth Street way in Albuquerque.

Vince D. Melillo, 1640, is visiting in Chicago with relatives; Lewis Caffo, 1641, is remaining in New Mexico for his annual holiday.

Vacationers from 5131: Herman Williams, to Xenia and Fort William, Ohio, to visit relatives and enjoy the fishing; Sheldon Dike, 5133, returned from a 3,000-mile vacation trip through the west.

Two new home owners in 5120 are Dale Young, whose address is 2716 Espanola NE, and Gus Simmons, now residing at 9201 Cherokee NE.

Vacation news from 2530 and 2550: W. T. Price, 2531, and family to Ann Arbor, Mich., where he, his wife and young son, Terry, participated in a wedding—the family also spent a week in Kentucky; Josephine Romero, 2534, an enjoyable week in Denver and at her uncle's ranch in Sterling, Colo.; Paul Stickler, 2552, and his family, a vacation in Georgia, Arkansas, and Florida.



"MIKE" attempts to double park, well, maybe! He's the pet pooch of June Kelly, 1932.

Hugh Odell, 5216, and family spent their vacation fishing and camping out in Conejos Canyon, Colo.

John Cooper, 5130, spent last weekend at Mesa Verde. Tim Preston, 5131, is enjoying a holiday in Chicago and in the east where he'll attend some Red Sox ball games.

Rudy Frantik, 5131, is now living at his new residence, 2601 Virginia NE.

Leroy Huenefeld's vacation highlight was a trip through the Merchandise Mart in Chicago during the furniture show. He accompanied his father to the event while visiting in Toledo, Ohio, his former home.

Audrey Wilson, 2410, and her husband took a brief motor trip to Carlsbad Caverns and El Paso last week.

From 2332: T. J. Meloche and his wife, Shirley, 2471, vacationing with their son in Detroit and St. Louis; W. O. "Bill" Smith and his wife, a short trip to California recently; C. T. Garringer painting his house during a vacation; Ken Vallely trying out his new camping outfit over the weekends.

On a recent fishing jaunt to Colorado last month were R. E. Hopper, 2440; Ward Hunnicutt, 2441; Al Sweed and Don Knott, 2443, and Ben C. Benjamin, 5216.



Photo by Laskar

THE CEREBRAL PALSY fund benefitted when these Sandia Base youngsters got together this summer and put on a "production" with all proceeds going to the CP cause. L to R, rear: Tana Angus, Bonnie Miller,

Sherry Matlack, Juliann Weller, Joan Foster and Julia Ashcraft. Janet Manley kneels in back of Stephen Foster, left, while Bobbie Angus holds one of the star performers, the Weller family's pet puppy, "Puddin'."

Meet the Youngsters



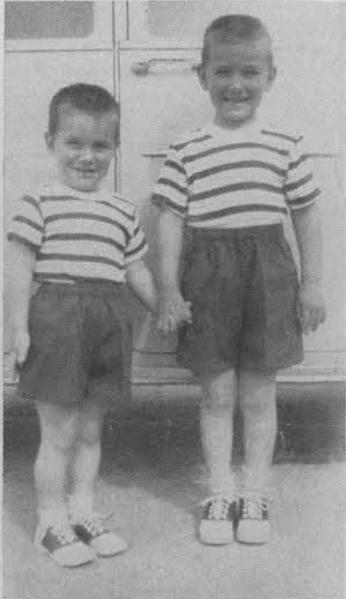
TERRI LYNNE CHISHOLM, 2½, granddaughter of Wynne Cox, 2461-1, models the latest in Junior Size Fiesta wear.



INTRODUCING "Butch" and Judy Harper, children of Edna Harper, 1543. Big brother is two and the tiny one is seven months.



MEET Jimmy Barnett, son of Mary Barnett, 2471. Jimmie's mother recently enjoyed a week's visit with him at The Home for Asthmatic Children in Denver, Colo., where he's a patient.



THE RUDER boys, Richard, 3, and John, 5, join the family album in a brotherly pose. They're the children of Jack Ruder, 1643.



PARTHA LOU HAKE collects picture book dolls and handpainted towels and pillow cases for gifts on special occasions. She's at the right, above, and her younger brother, David, is at left, all duded up for a turn at playing "Gene Autry." They are the children of David Hake, 2419.



Welcome! Newcomers

A welcome is extended to the following newcomers who joined Sandia Corporation between June 9 and June 23:

- Jimmy B. House.....1200
- Richard W. Borgmeier.....1280
- James P. Caldwell.....1281
- James L. Wentz.....1320
- William E. Thomas, Jr.....1322
- George H. Bradley, Jr.....1546
- George R. Ellefson, Jr.....1546
- Sherrill O. Woodall.....1641
- Wilbur Q. Grisham.....1711
- Isabelle H. Allan.....1924
- Leonard H. Malkowski.....2122
- Nick J. Kasmie.....2124
- J. C. Evans.....2151
- Paul A. Chavez.....2151
- Jack P. Head.....2151
- Albert L. Luitweiler, Jr.....2151
- Norbert J. Zimmer.....2151
- Charles A. Kuntz.....2234
- Marybell Arnold.....2362

- Charles H. Grissom.....2418
- Harold D. Porterfield.....2418
- Pablo J. Garcia.....2419
- Betty Zimmerman.....2461
- Roscoe H. Wilmeth.....2462
- Dorothy M. Graves.....2463
- Lewis F. Jacot.....2463
- Kenneth J. Shumway.....2532
- Edward G. Latimer.....2545
- Martin K. Rhoads.....2545
- Patricia A. Evans.....3153
- Beverly S. Hazel.....3154
- Phyllis L. McKinley.....4222
- Mary E. Sisler.....4222
- Blanche M. Walrath.....4222
- Roland L. Reed.....5130
- Arnold L. Ducoffee.....5140
- Clayton J. McDale.....5143
- Robert W. Jack.....5213
- Eugene E. Rowton.....5223
- Richard M. Stone.....5252
- George J. Duttler.....5259
- Richard P. Guilford.....5300
- Raymond C. Alls.....5400
- Ronald E. Sturm.....5400

★ Radio Hams Make 400 Contacts During ARRL Field Day

Some 400 radio contacts were made in an outstandingly successful Field Day held recently by Sandia and Albuquerque members of the American Radio Relay League. Sixteen Sandians participated in the local event.

The contest, staged nationwide through the facilities of ARRL, pitted radio "hams" throughout the nation during a 24-hour period in a timed competition.

Winner of the affair will be the team with the largest number of authenticated contacts.

Logging and elimination of duplicate contacts is still going on, Tom Banks, president of the local ARRL organization, said today.

Results will be announced later in the pages of the SANDIA LAB NEWS, Banks said, after they are received from national headquarters.

Buffet Dinner on Patio Highlights Club Entertainment

A patio Buffet Dinner under the stars, July 11, highlights the first two weeks of the month's Coronado Club entertainment. The MBC Trio is furnishing the musical background from 7 to 10 p.m.

Tomorrow night, July 3, Mike Michnovic ripples the keys of his accordion in the bar, while an informal Juke Box dance takes place in the Club from 9 to 11. A similar affair will be held July 10.

On July 9, the Duke City Cowboys play for the bi-monthly square dance from 8:30 to 11:30 p.m. There will be Bingo, July 7, a chess night on July 5, a duplicate bridge session on July 8.

Don't forget that the Coronado chef provides his special deluxe dinner at a low, low price of \$1.25 each week-day evening. The Club is a pleasantly cool place for dinner with the family.

Square Dancers Choose McLay to Head Committee

Newly-appointed members of the Coronado Club's square dance committee for the current quarter were announced last week.

Included are Mr. and Mrs. John McLay, 5415; Mr. and Mrs. Valdimir Zackman, AEC; Mr. and Mrs. Roger Johnson, 2112; Mr. and Mrs. Laurence Leierer, 2551, and Mr. and Mrs. James Gravlin, 2225. Mr. McLay is chairman.

Sub-committees were named to handle refreshments, publicity, programming and welcoming of members and guests.

Tentative plans for the square dance group include inviting other Albuquerque square dance clubs to participate, a western wear style show, and a proposed visit from the Los Alamos Square Dancers. As in the past, door prizes are planned as a regular feature of square dance night.

Congratulations

- BORN TO:**
- Mr. and Mrs. Howard Sieberman, 1723, a son, Scott, June 16.
 - Mr. and Mrs. Grover Tuck, 5312, a son, Donald, May 14.
 - Mr. and Mrs. Robert Byrd, 2452, a son, Charles, June 7.
 - Mr. and Mrs. Fred Pfeffer, 1932, a daughter, Janet Elaine, June 26.
 - Mr. and Mrs. Frank J. Ferry, 1513, a son, James Andrew, June 12.



Robert Carleton
—“I paint to relax”

Native Beauty of His Surroundings Brings Sandian to Several Hobbies

Robert Carleton is a New Mexican who is fascinated by the natural beauty of his native state. His favorite hobbies grew out of this fascination. He paints its flowers and landscapes, and collects its multi-colored rocks.

Painting is strictly a hobby with Bob, who works in 2231-1. He never took a lesson and doesn't intend to. He never sold any of his paintings and doesn't expect to. He gives them away to his friends, except for a few of his favorites which he keeps for himself.

Although Bob has been doing pencil and India ink sketches for a long time, he only started working with colors two years ago. One of his sons received a set of water colors as a Christmas present. In showing him how to paint with them Bob became intrigued with the use of colors. He has since graduated to oils, which he uses almost exclusively now.

Bob is a realistic artist. He paints what he sees. "I tried a few abstracts," he said, "but I wasn't too satisfied with the results."

Painting is not a hobby that requires a lot of work from Bob. He does it strictly for his own enjoyment.

"Mostly I paint to relax," he stated.

Rockhounding, his other principal hobby, is a pastime that his entire family enjoys. Eralia, his wife, who works in 2533, and his two sons, Robert and William, join Bob on most of his rock collecting expeditions.

Bob has been collecting rocks most of his life. He became an ardent rockhound, however, through the enthusiasm of one of his neighbors, Ellen Ward.

The Carletons and the Wards usually go together in their rock collecting outings. They find most of their specimens around old mines but, according to Carleton, they can be located anywhere.

Like his interest in painting, rock collecting is strictly a hobby. "Of course," he admitted, "deep down we're always trying to find something valuable, but that isn't the main reason we go out." The only thing of real value that the Carletons found was a nugget of native silver which they picked up in a stream bed near Placitas. But they couldn't locate where it came from.

Fishing and target shooting round out Bob's leisure activities, but, by far, his favorites are his painting and rock collection.

Weddings

Ernestine Luna, 1622-3, will be married July 31 at Kirtland Air Force Base Chapel to Donald L. Henderson of Dayton, Ohio. Ernestine, who joined Sandia Corporation in February, 1951, has chosen her sister, Mrs. James Robinson, as matron of honor. James Robinson, 1641, will be best man.



Miss Luna **Miss Tobey**

The wedding of Elizabeth Tobey, 4222 (1314), and Sgt. Ivy J. Hebert of Kirtland Air Force Base will be at 4 p.m. tomorrow at St. Mark's-on-the-Mesa Episcopal Church. The couple will make their future home at 415 Vassar Dr. SE.



Mrs. Snyder

The marriage of Allene Poindexter, 2221, and Malcolm J. Snyder, 2225, was June 26 in Central Methodist Church in Albuquerque. Their attendants included Ben Bright, 1941, best man, and Craig Summers, 2222, and Chet Fornero, 1541, ushers. After a honeymoon trip the couple will live at 313-7th St. NW.

Navy Liaison Officer At Sandia Receives PhD from Illinois

Lt. William Francy, military liaison officer assigned to 5110, received his PhD, June 23, in commencement exercises at the University of Illinois.

A graduate of the U. S. Naval Academy, Annapolis, Md., Lt. Francy was commissioned in 1945 and spent the next two years studying at Rensselaer Polytechnic Institute, Troy, N. Y. Subsequently he was assigned to destroyer duty in the Pacific and to battleship service in the Atlantic.

Lt. Francy holds a bachelor's degree of Civil Engineering and a master's in C. E. from Rensselaer as well as a bachelor of science degree from the Naval Academy.

The Francys and their son and daughter live at 307 Aliso Dr. SE.



Lt. Wm. Francy



"NO, THE OLD BAT HASN'T LEFT YET!"

Folk Dancing's Old As History

Tartolians' Hobby Demanding, Tiring

Les Bury, a draftsman in 1641, calls his new folk dance group "The Tartolians." He explains that "Tartolian" is a composite version of the Scots' word, "Tartan", and "olian", a bit of Austrian dialect meaning "hill dweller."

Bury's Tartolians is a relatively new organization as folk dance groups go, and is an outgrowth of Bury's several years with an unusual leisure-hour hobby.

Les, his wife, Barbara, and a friend, Bob Baker, an electrical engineer in 5432-2, spend eight to 12 hours a week with the Tartolians, rehearsing native dances: the Highland Fling, Polish Schottische or French minuet, or an ancient Israeli dance, the Debka, which involves a great deal of hand-clapping and loud shouting. "They'll make you work," Les observes.

Bury is a slender, well-muscled individual with an unruly shock of black hair atop a six-foot frame. He makes sharp and decisive gestures with his hands as he talks.

"It Takes Work"

"Folk dancing as a hobby," Les says, "is not something you can do every now and then. You've got to work at it. Folk dancing is a demanding and exhausting form of recreation."

Les Bury and his Tartolians spend week-ends researching in libraries, later they talk to Old Country people about their native Czechoslovakian or Polish dances, or to Spanish old-timers about the frontier-days fandango and bolero.

Folk dancing, Bury explained, is as old as time. He has found that folk dancing sprang from man's natural instincts, that it is the property of the people and a mirror of man's deepest emotions.

"Even square dancing is an emotional release," Les feels, "though most square dancers wouldn't recognize it as such. Square dances are a folk dance, born in the high Kentucky hill country. Such dances reveal the hill-folks' need for self-expression."

Danced in Denver

Hobbyist Bury and Mrs. Bury danced for 2½ years with Denver's well-known Mile-Hi Dancers. During their rehearsals with the Mile-Hi group, Les gathered his extensive knowledge of folk dances, the native costumes worn in the dances, and the correct and authentic maneuvers necessary for realism.

"Folk dances have no language, no notes, no figures or symbols," Les says. "The dances are passed on by word of mouth from one generation to the next. That's why we try to contact as many old-country people as we can, learning directly from them the true way the dances should be performed."

Les' group meets on Sundays for regular dress rehearsals. Their dances are accompanied—as are all folk dances—with the sharp clapping of hands, beating of drums or tom-toms, and shouted songs. "We raise the roof," Les says.

Their rigorous schedule of rehearsals has paid off. The Tartolians gave their first exhibition last month at the 1600 Club party when they danced the intricate, boisterous Debka, and a Swiss dance called "Three Little Stockings."

Costume Work

Right now, Les Bury and Bob Baker and their fellow Tartolians are working over the costumes, setting their sights on authentic reproductions for the hot-blooded Spanish fandango, the rollicking Mexican Hat Dance, the Swedish Hambo, the Hungarian Czardas, and other, lesser-known dances.

The troupe's extensive wardrobe includes the colorful ruffles and frills of Moravian, Lithuanian, and

AEC Scholarship

Jacob B. Romero, graduating chemical engineer at the University of New Mexico, has been awarded an AEC graduate fellowship in radiological physics. He will study at Washington University and at the Hanford plant. (Albuquerque Jour-



Photo by Puder
FRAMED IN their own "kissing window" of an old-time folk dance are Les and Barbara Bury of The Tartolians.

Austrian Alpiners' costumes, every stitch hand-sewn after days of historical costume research at the University and Base libraries.

"We've given a few exhibitions at the Veterans Hospital, and for various recreation conferences," Les

says. "But we're looking forward to other shows in the next few months. Biggest trouble for the new Tartolians," he observes thoughtfully, "is renting a rehearsal hall. Landlords don't cotton to all that shouting and stamping."

Wherry Recreation Drive to Get Boost Week from Tonight

"Operation Shoestring" gets a boost July 9 when a street dance and evening of fun are scheduled to help raise funds for the proposed Wherry recreation hall.

Al Hamilton's combo will play for the dance which will be in front of the Wherry Housing office building. Merchandise certificates will be awarded to winners of various dance contests—from waltz to jitterbug.

And the kiddies won't be forgotten—Wrangler Jim will be on deck at 8 p.m. and there'll be a rope handling contest and a "best western outfit" prize.

Refreshments will be sold and admission to the "party" is 50 cents per person.

The "Shoestring" fund now has \$1337 toward erecting the community recreation center.

Folks in 1932 Will Picnic in FOP Area Saturday, July 10

July 10 is the date selected for 1932's third annual picnic which this year will be held at the Fraternal Order of Police' picnic grounds.

There'll be sack races, a horseshoe tournament, baseball, swimming and volleyball.

Eloy Pena is in charge of the committees with Peggy Pinkerton as co-chairman. Assisting are Nick Perea, Lorraine Medina, Charles Koontz, Larry Eden, Fred Pfeffer, Art Verardo, Richard Callahan, and Jim O'Connor.

July 4 Climb for Mountain Club

The July Fourth weekend visit for New Mexico Mountain Club members and guests will be a three-day event for a climb of Mt. Sneffels, 14,143 feet, in southwestern Colorado near Ouray. Hank Tendall, ext. 23195 after 5 p.m., is the trip leader.

★ Photographers Offer Services to Coronado Parties

The Coronado Club board of directors recently gave the "go ahead" to Gene C. Griffin and Ben Pollack, operators of "P and G Photo Service," to provide photographic service for the club.

They will be available for photographing events at the club and supplying prints at a nominal fee. Assignments will be taken at Alb. 5-2456 or Alb. 6-6179. The firm operates from 304 Gen. Marshall NE.

K. O. Thorp Returning To Bell Laboratories

K. O. Thorp, manager of Standards Engineering Department, 1630, since February, 1952, is returning to Bell Telephone Laboratories at Whippany, N. J. Mr. Thorp will work for the Director of Engineering on a new military project.

Prior to his assignment at Sandia, Mr. Thorp headed the BTL liaison group at the Burlington, N. C., plant of Western Electric Company. He has been with the Laboratories since his graduation from Purdue in 1924 with the exception of five years in the Air Force during World War II.

Sympathy

Sympathy is extended to Thelma Brady, 1731, who was called to Cincinnati, Ohio, because of the death of her father.

Sympathy is expressed for Mr. and Mrs. R. J. Fiori, 2472-2, whose infant son died June 21.

Their friends at the Laboratory extend sympathy to Marcella Samuelson, 5415; John H. Samuelson, 2352, and Tex E. Samuelson, 2461, whose father died June 2.

Weekend Vacation



Photo by Dunlap

PECOS WONDERLAND—Near the edge of the Pecos Wilderness is this scene. Into the interior of the area go hikers, hunters, and fishermen. It is one of the few true wilderness areas in the nation.

For the past several summers the SANDIA LAB NEWS has suggested to its readers various trips which can be made in New Mexico in one, two or three days. We again resume our suggestions with this one which could well be one of the most thrilling trips of a lifetime.

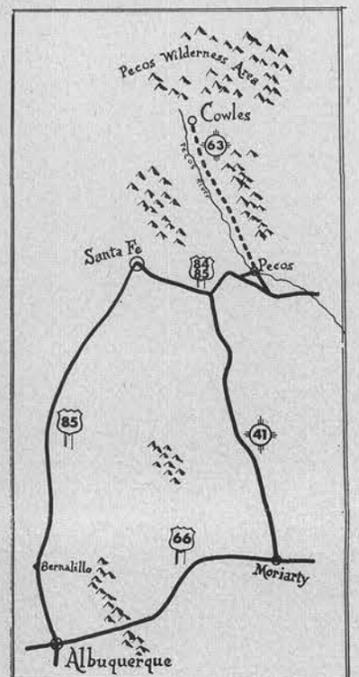
Not many miles outside Santa Fe is one of the nation's few wilderness areas just waiting for your visit—as long as you don't drive a car. Motor transportation is forbidden, and it's pretty well impossible, no roads.

North and east of Santa Fe is the little town of Cowles, the gateway to the Pecos Wilderness Area of the Santa Fe National Forest. The accompanying map will show you how to get there—it's only a few hours from Albuquerque.

The area is the headwaters for the Pecos River and there are about 138,000 acres of primitive country where transportation and living conditions are like they were before the days of electricity, station wagons and other veneering refinements of civilization.

Take off from a guest ranch near Cowles and you can visit lakes more than 10,000 feet high. Lake Stewart, Lake Catherine, Pecos Baldy Lake and Truchas Lake are beautiful. Streams? They abound, and so do the trout. Try Rito Del Padre, Rito Sabadiosis, Panchuelo Creek and others.

You like mountains? Pecos Baldy, Truchas Peaks, Spring Mountain, all



—How to get there—

extend above the 11,500 foot timber line.

Altitudes will extend from 9 to 12 thousand feet. If you like your vacations undefiled by neon beer signs, metal beer cans, and numerous beer drinkers try the Pecos Wilderness Area.

If you are truly interested in a back-to-nature trip to a wilderness area write to these folks, they have the complete information: The American Forestry Association 919 Seventeenth St. NW Washington 6, D. C.

Arts, Antiques Club To Study Old Lamps

"Lighting and Old Lamps" will be the subject of discussion at the monthly meeting of the Arts and Antiques Club, July 14, at the home of its president, Mrs. Thornton Smith, 1001 Manzano Ct. NW, 7:30 p.m.

Mrs. Byrd McKay, whose husband is employed in 2124, will be the principal speaker. Lamps from collectors in the club will be on display.

Those interested in attending should contact Lee Deeter, 1340, ext. 28152.

Thank You

Doug Macrae, 3171, this week expressed his sincere gratitude to the many thoughtful co-workers and neighbors who've been helpful since Mrs. Macrae was taken ill several weeks ago. "I didn't realize we had such fine friends until this trouble hit us last month," he said.

Mrs. Macrae, known as "Chips", was taken suddenly ill and lapsed into a coma from which she hasn't recovered. The latest report on her condition remains "no change."

League Standings SANDIA EMPLOYEES SOFTBALL ASSOCIATION NATIONAL LEAGUE

Team	Won	Lost
Dodgers	7	2
Braves	6	2
Cubs	5	4
Cardinals	3	6
Giants	2	6
Phillies	3	6

AMERICAN LEAGUE

Athletics	9	0
Red Sox	5	4
Yankees	6	2
Orioles	3	5
Senators	5	4
White Sox	5	4
Indians	1	8
Tigers	1	8

CHESS CLUB STANDINGS As of July 2, 1954

Class A		Class C	
1. Duke	716	19. Gruer	499
2. Arnot	708	20. Smith	496
3. Jones	702	21. Beck	491
4. Cole	689	22. Harley	489
5. W. Miller	686	23. Maupin	489
6. M. Miller	633	24. Tolmie	468
7. Grossbeek	612	25. Winfrey	468
		26. Atkinson	454
		27. Jolly	424
		28. Sacht	418
Class B		Class D	
8. Davis	596	29. Lieber	398
9. McPhate	583	30. May	367
10. H. Newman	582	31. Wilde	365
11. Polakowski	568	32. L. Newman	334
12. Yorgiadis	549	33. Knight	256
13. Horwerton	541		
14. Bajart	530		
15. Williams	524		
16. McKnight	519		
17. Sprague	515		
18. F. Reed	504		

To Convention

Lorenzo Rivera, 2412, represented his post at the American Legion convention held in Hobbs, N. M., recently.

**Rattlesnakes and scorpions aren't
Considered your best friends, but**

Don't Fear 'Living Desert'

Had he passed this knoll before?
He thought he had seen the cap-rock an hour ago, the stunted ocotillo blooming to the left of its base, a slide of broken, lichen-covered stones to the right. But he couldn't be sure.
Dust devils swirled in the desert heat behind him, and looking back the way he had come, he could make out the faint trail of his footsteps disappearing into the heat haze and the straggling clumps of sage. A gila monster waddled across the trail, surveyed him unblinkingly, and slithered off.

He was lost.
Despite his bachelor's in physics, Princeton '41, and the academic honors he'd managed to collect since then, he was forced to admit—with some chagrin—that he was lost. The overpowering realization assumed a new and staggering proportion under the tremendous sky over his head. And in front of him the reaches of sand and sage washed away from his booted feet like a rolling sea of land. He was drowning in a sea of land...

Brief Contacts

Man's proneness to become overwhelmed by an environment he does not understand is his greatest weakness in his brief—and mainly week-end—contacts with the world in which some Sandians live, the world of the desert.

Bill Kingsley of 3161, industrial hygiene scientist, says that man's feeling of remoteness and instability when surrounded by the stillness of the desert is a psychological reaction; a mental confusion brought on by age-old superstitious fears of the desert: of its unknown wild life, the fearful varmints, the snakes, and monsters which supposedly infest its waterless wastes. But Kingsley maintains there is nothing to fear in the arid countryside about Albuquerque.



SALTON SEA SIDE-WINDER above, is a frequent visitor at Sandia's California test base. In Albuquerque, the prairie rattler is more common. Watch for him in shade!

"Nothing to fear except fear itself," Kingsley reiterates.
The Albuquerque desert is not a true desert in the accepted sense of the word. Unlike the wide-spread Chihuahuan desert of Mexico, a land mass of deficient and uncertain rainfall which extends northward to the Hot Springs region of southern New Mexico, Albuquerque's rainfall, while scanty, is sufficient to support a human population of 160,000 souls. But for each of those 160,000 persons, the empty wastes which confront him beyond Fourth Street and East Central are still places of unnecessary apprehension and perplexity.

Desert Is Friendly

Expert Kingsley insists the awesome desert of the western fiction story is in reality a friendly place. He bases his philosophy on: "If you know nothing about it, leave it alone."

"Consider the insignificant desert ant," Kingsley says. While a single ant bite may not affect one person, the same bite to another more sensitive individual may be of serious import. An ant bite, literally, is a direct injection of a small amount of formic acid and should be treated as such. A good many bites over the body surface of a small child may be dangerous. Most accepted form of treatment after you are bitten is to bathe the reddened area with ordinary laundry blueing—or to neutralize the acid with bicarbonate of soda.

The sting-happy honey bee is a common inhabitant of the desert, warns Kingsley and his assistant, Dick Widner, who with Medical Director Dr. F. G. Hirsch comprise Sandia Corporation's industrial hygiene team in 3160. If you can't leave bees alone, the experts say—you'll get stung. Of course, this bit of technical knowledge won't help the victim too much. But a dab of ammonia will. Don't try to pull the stinger out, Kingsley and Widner advise. Take a finger nail or nail file and scrape it out sideways. In this manner, you'll crush the barbs, and the main source of poison will be removed.

Beware of Wasps

Weekend uranium hunters and amateur geologists far from the plush comforts of the Coronado Club pool are cautioned about wasp and hornet ambushes. A piece of ice on the wound, or a dab of household ammonia will be effective in allaying pain. Most desert timidity is contained in an unreasoning dread of the Black Widow spider which week-end campers unearth in every little-used Forest Service comfort station and rest room. "Black Widows won't bite," Kingsley insists, "unless you pick them up and pinch them, or

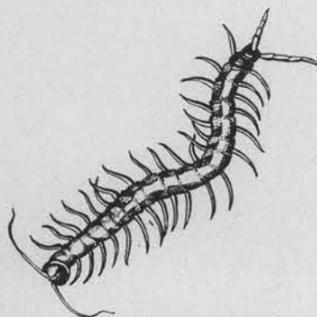
rattle them around with a stick. They're mean looking and black like a shoe-button with a red hour glass on the tummy," Kingsley and Widner say, "but only when aroused will the Black Widow bite." In matter of fact, however, the Black Widow spider is one of the very few spiders in the United States that is dangerous to man.

"The Widow spins her webs in the dark," Kingsley says. Be careful when venturing into unused picnic camp areas in the mountains. If bitten, try to place the bite into a bowl of ice water or keep the bite covered with an ice pack until the victim is taken to the nearest hospital. After being bitten, the victim becomes nauseated, may vomit, and his muscles turn rigid. Terrific headaches may ensue. If you are careless, and are bitten, Dr. Hirsch comments, don't fret about a short life and a quicker death. Only 50 deaths have been reported in all medical history.

Centipede Over-Rated

Like the nip of the Black Widow, the bite of the desert centipede is grossly over-rated. Dr. Hirsch, Medical Department Chief, Kingsley and Widner—all of whom are experienced in the silent ways of the desert—have found centipedes, long, many-legged creatures in wet rocks near springs, crevices, and other shaded, damp locations. Some Giant Desert centipedes, they say, attain a 6- to 8-inch length. The jaws of the centipede may give a painful bite, may scare you, but they shouldn't worry you, because they can't kill. Household ammonia will take the pain away. Since the wound will probably become infected, it should receive the attention of a physician as soon as practicable.

Kingsley dismisses the desert tarantula with a shrug. "There are a few here," he says. "Those long-legged hairy-looking things you see so often are entirely harmless, although the danger of a secondary infection exists, if you're bitten. If you don't know what it is," Kingsley and Widner repeat, "please leave it alone. It won't hurt you."



Centipede
—they can't kill—

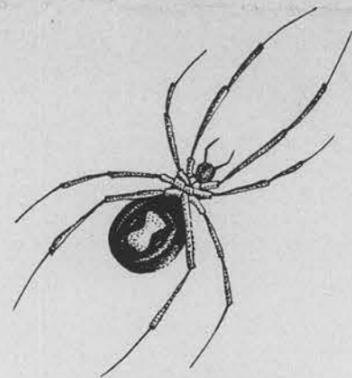
The deadly scorpion is not common to the Albuquerque area. Though not often fatal, the scorpion is dangerous and is to be avoided. Bill Kingsley speaks from experience. He was stung by a scorpion several years ago. The illness was similar to a bad case of flu, he reports.

Shake Your Shoes

He cautions Sandian week-enders near Socorro and other southern New Mexico communities to shake their shoes before putting them on in the morning. Scorpion bites—fatal or not—are no fun. Here again secondary infection is to be anticipated.

Usually the small, yellow-colored scorpion is found in lumber piles, closets in the home, and empty shoes. The bug remains in hiding during the day but creeps out at night in search of food. If bitten, Dr. Hirsch advises a tourniquet near the bite and an ice pack applied immediately to the swollen area. A good tip for week-enders in the desert: try to put a tube of ethyl chloride in your rucksack. Ethyl chloride will keep the sting area frozen until a physician can be reached. Before using ethyl chloride, Dr. Hirsch cautions, better get some training in its use on scorpion stings.

The much-maligned Gila Monster, a fearsome character in most western stories, has a bad odor, can hiss up



the Black Widow
—she likes darkness—

a storm, is poisonous, bites like a bulldog but is scared to death of humans. Kingsley and Widner tell you the Gila Monster is normally docile and harmless, and will try to escape when encountered. If you do catch up with him, and hit him with a stick, the Gila Monster may bite, grinding his jaws on your arm in rare fury, if you place it in his mouth. Fatalities from Gila Monster bites are extremely unusual.

Meet Coral Snake

Desert snakes, however, are capable of inflicting fatal wounds, though their grim reputation, again, is compounded mainly of unwonted superstition and hysterical fear. The tiny Sonoran Coral Snake is timid, cannot bite, but chews its victim instead, attempting to grind poison into the wound. The Coral Snake is less than two feet long, tinged with alternate circles of red, black and cream.

"A beautiful snake," Kingsley reiterates, "but if left alone it's harmless to humans."

The rattlesnake of song and story is a somewhat dangerous critter, Kingsley says. The Prairie Rattler is seen most often near Albuquerque, the Sidewinder species at Salton Sea. "But it's only on rare occasions that you'll see a rattler in broad sunlight," Kingsley observes. He warns Sandia desert wanderers to be wary of the shady side of rocks, trees,



Photo by Dunlap

BILL KINGSLEY, 3161, shows his latest addition to the unique Hirsch collection, a plastic-coated centipede. The collection of desert creatures, slated for exhibition at Salton Sea in early fall, is being prepared by Lab Technicians Allen Hobbs and Grover Edwards, center, and Dick Widner, far right.

boulders, and mountainsides, where rattlers congregate to cool off. Never place your hand where you can't see it, or your feet either, Dr. Hirsch advises. "Most of the bites I have treated have been incurred in just this way."

Rattler Is Fast

Unless surprised, rattlesnakes will crawl away from unexpected visitors, preferring to ignore human contacts. If you unluckily confront one in a shady spot, and it starts that ominous rattle, try to control yourself. Try to stand still, Kingsley says—admitting there are few people who can do just that—and the snake will usually crawl away. A sudden movement on your part arouses the snake still further. "Remember," Kingsley warns, "a snake strikes faster than a human being can jump."

As part of their concerted campaign to acquaint Salton Sea personnel—and Sandians—with the more common desert inhabitants, Dr. F. G. Hirsch of 3160—with the assistance of Bill Kingsley and Dick Widner, and Lab Technicians Hobbs and Edwards—is putting together a unique exhibit of plastic-coated insects, snakes and other desert residents. Dr. Hirsch feels, as do Kingsley and Widner, that familiarity with the desert fauna tends to lend an air



Dr. F. G. Hirsch
—"know the friendly desert"—

of confidence to dilettante geologists, deserters and picnickers.
Knowing something of the friendly desert—the Industrial Hygiene team members feel—will make the desert less a place of mystery, more of a place for relaxation. That sometime sense of shock, of slowly sinking in a sea of sand won't spoil your next outing.

Desert First Aid Chart

Clip this NOW! Put it in the glove compartment of your car.

Varmint	Suggested First Aid Until You Reach a Doctor
Ant	Apply laundry blueing or Chlorox to sting area
Bee	Scrape out sting sideways. Apply household ammonia.
Wasp or Hornet	Hold piece of ice to wound. Dab with ammonia.
Black Widow Spider	Freeze area in bowl of ice water. Keep quiet. GET TO A DOCTOR!
Centipede	Apply iodine; later, household ammonia. GET TO A DOCTOR!
Scorpion	Freeze area in ice water or ethyl chloride. GET TO A DOCTOR!
Gila Monster	Apply Chlorox, peroxide, Merthiolate, but no iodine. GET TO A DOCTOR!
Rattlesnake	Cut bite area several times with a razor blade. Suck poison from wound with snake kit bulb or mouth. Apply tourniquet between bite and heart. (Note: Get a regular snake bite kit. They're a little expensive but well worth it when you get bitten, Dr. Hirsch says. Good insurance always costs money!) OR—Freeze area with ethyl chloride or ice water. GET TO A DOCTOR!

shopping center

CLASSIFIED ADVERTISING

Classified advertising is printed in the Sandia Lab News as a service to Sandia Corporation employees and employees of the AEC on Sandia Base. There is no charge for publishing the advertisements. Limit: 20 words. Advertisements must be submitted in writing and contain the name, organization, home telephone number and base extension of the advertiser. Each advertisement will be run one issue. Deadline: Friday noon, one week prior to date of publication.

Next Deadline: Noon, July 9

FOR SALE—

STUDENT DESK LAMP; vacuum cleaner, attachments. Helm, Alb. 2-1143.

'53 CROSLY SHELVDOR, 73-lb. freezer; '53 Laundromat; drawing table, adjustable stool; space heater; playpen; Lionel train; highchair. Noble, ext. 53268.

'53 FORD 6, R&H, original owner, \$1450. Halloran, ext. 21253.

MAPLE BUNK BEDS, spring and mattress, \$35. Flanagan, Alb. 6-0017.

AUTO LUGGAGE CARRIER, used slightly, \$7.50; man's 2-piece "Indestructo" luggage, new, \$45. Stueber, 8410 Flower Pl. NE, ext. 52263.

CAMPING TRAILER, 6x7 welded tubular frame, wide spring base, aluminum covered sides, canvas top, zippered openings, \$100. Rohrer, Alb. 6-6691.

PENTRON TAPE RECORDER, Model T-3, single speed, dual track, \$70. Jeske, Alb. 6-3214.

CHEVROLET CAR RADIO, Model '41-'48, \$10. Saunders, ext. 2252.

'47 FRAZER, \$150. Morrison, 2023 Robertson Rd. SW, Alb. 3-9829.

UNIVERSAL WRINGER TYPE washer, automatic timer, pump, \$55. Clark, 5330 Alvarado Pl. NE, Alb. 6-1100.

'41 CHEVROLET, 4-door, cheap, Lawrence, 2323 Fourth St. NW, Modern Trailer Court, Alb. 2-3500.

AIR CONDITIONER, evaporative, cover, 2500 cfm, \$60; round coffee table, glass top, \$15. Fuller, 4924 Idlewild SE.

AUTOMATIC WASHER, apt. size Laundrell, \$35; wrought iron, formica coffee table, \$18; ironing board, \$2. Pliner, Alb. 6-1907 after 5 p.m.

SNARE DRUM, street or parade type with straps, \$27.50. Chaffee, Alb. 6-5970.

BOOKCASES, 4-shelf, grey steel, \$15; 4-shelf, glass doors, \$20. Farley, Alb. 5-6676.

SANDIA MTN. CABIN, 1 acre, 2 ml. north Cedar Crest, bunks, fireplace, knotty pine interior, \$2,500, terms. Taylor, Alb. 5-3646.

'52 CUSHMAN EAGLE MOTOR SCOOTER. Dick, Alb. 6-4537.

WADING BOOTS, "Izaak Walton," Hood, size 8, trade for size 7, sell for \$10. Glass, ext. 28190 after 5.

LAWNMOWER, 16-in., all steel, rubber tires, grass catcher, \$16.50. Hunter, Alb. 5-1997.

NORGE REFRIGERATOR, 4 yrs. old, \$75. Kurlfink, Alb. 5-9968, 313 General Bradley NE.

PEDIGREED SIAMESE KITTENS, 7 wks. old, \$25. Miller, Alb. 5-8993 after 5.

PLAY PEN and pad, \$9; teeter babe, \$4; see at 3009 Sierra Drive NE, Alb. 4-1417. Rauch.

CUSHMAN SCOOTER, 9 months old, \$175 or best offer. Gibbs, Alb. 7-9385, see at 905-13th NW.

METAL TRAILER, one-wheel, completely covered, \$40. Morris, Alb. 5-8122.

BENCH SANDER, \$25; bench grinder, less motor, \$7.50; compressor, spray gun, motor, \$50. Welker, 8510 Flower Pl. NE.

REGISTERED DOBERMAN PINSCHER, male, 2 years old, \$50. Luna, 1305 Airway Rd. SW, ext. 33260.

LAWNMOWER, 16-in., Sears, \$8. Hurford, ext. 46281.

PORTABLE BARBECUE GRILL, \$6; BC-455B Command receiver, or will trade for 40-meter Command transmitter. Halliday, Alb. 6-5685.

KODAK, 35mm Retina IIA, case, latest model, \$90; Western Master exposure meter, case, \$19.50. Sisler, ext. 29243.

ARABIAN GELDING, sorrel mare, matched pair, will sell separately; quarter horse mare, 2-horse trailer, saddle. Jenkins, Alb. 3-3585.

2-BEDROOM HOUSE, attached garage, furnished, all improvements, 4% loan, \$1,200 down. Reed, Alb. 5-7924.

BEL-AIR one-bedroom home, venetian blinds, fenced, trees, reasonable. Ladayne, Alb. 5-6064.

AIR CONDITIONER, 2000 cfm, portable, 2-speed, used 6 weeks, \$65; bathinette, \$6. Linn, Alb. 6-1830.

DINETTE TABLE, 3 chairs, bench, white, \$20; 8-in. tilting arbor saw, motor, stand, accessories. Stewart, Alb. 6-3976.

2-BEDROOM HOME, dining area, utility room, wall, lawn, etc.; 1952 Plymouth, R&H, new seat covers. McMillan, Alb. 4-1640 after 5.

OR TRADE Electrolux vacuum cleaner, Hoover upright sweeper for what have you. Silva, ext. 20253.

BC 375 TRANSMITTER, 2 tuning units, \$20; 5-in. scope kit, best offer. Manetsch, ext. 23252.

TWO NEW "V" beam television antennas, 25-ft. leadin, \$5. Porter, ext. 23250.

TELEVISION SET, 16-in., \$50. Carrell, ext. 23146, 219B Girard SE, after 6 p.m.

SINGER PORTABLE sewing machine, all attachments, best offer. Sexton, Alb. 6-7768.

OR TRADE, 35-ft. Travelite trailer, modern, 1 bedroom, for cash, car, or smaller trailer. Gloss, Alb. 6-0886.

WHIZZER MOTOR BIKE, 120 mpg, lights, new tires, buddy seat. Vedder, Alb. 3-5734.

MAYTAG, 2 years old, \$70; Agfa 9x12 cm., f 4.5, film pack adapter, double extension bellows, case, \$25. Flanagan, 2022 Cardenas NE, Alb. 6-0886.

LEFTHAND SOFTBALL GLOVE, \$5; chess set, \$8; ice skates, size 10, \$7; Bulova watch, \$18; tuxedo, size 38; shoes, 10-B ski clothes. Scholtes, ext. 22132.

CPAFTSMAN SAW: step-extension ladder; boudoir lamps; men's ice skates; ladies' bowling shoes, 6 1/2. Noble, ext. 53268.

ALUMINUM GARAGE DOOR, 8 ft. x 7 ft., complete with hardware and wooden jamb, \$30. Jercinovic, Alb. 5-8027.

WANTED—

HAM TRANSMITTER, 300 watts or more, good receiver, reasonable. Sander, Alb. 6-2321.

CHILDREN to keep in my home by week, close to Base. Mrs. Cherb, Alb. 5-8109.

TO JOIN CAR POOL, Goff Road and Five Points and Bridge Street to Gate 7. Lopez, ext. 31160.

RIDE WANTED from 2323 Fourth NW, Modern Trailer Court, to S. Gate. Janice Lawrence, Alb. 2-3500 after 6 p.m.

SMALL TABLE MODEL electric broiler. Matlack, ext. 55185.

MEMBERS for flying club, \$200 per share, Cessna 120, a four-placer. Kearns, Kirtland ext. 7251 or Alb. 6-6136.

BABY SITTING, day or night, convalescent care. Mrs. Meyer, Alb. 5-1984 after 5 p.m.

RIDE from 3820 Simms Court SE (off Carlisle) to Bldg. 802. Donna Peacock, Alb. 6-7953.

RIDE from 721 Florida SE (1/2 block from Kathryn) to Bldg. 802. Mable Harry, Alb. 5-8397.

USED FRENCH HORN and oboe. Hayes, ext. 25170.

TO JOIN car pool from 2418 LaVeta Dr. NE to Bldg. 880. Arthur Russell, Alb. 5-9972.

TO JOIN or form car pool from Miles Addn. to 880. Guerin, ext. 29133.

ONE MEMBER for car pool, vicinity San Pedro and Aspen to Bldg. 800. Flanagan, ext. 32257.

RIDE from 1007 Roma NE to Bldg. 802. Gertrude Theiler, Alb. 7-8261.

RIDER from Rio Grande and Central to Coal and Yale to Highland to Ridgecrest, past Bldg. 800, AFSWP, to south tech gate. Silva, ext. 20253.

FOR RENT—

TWO NEW 2-BEDROOM units, maintained, 520-522 Cagua Dr. SE. Edwards, Alb. 5-2828.

ONE-BEDROOM furnished apartment, near base, couple. Knock, Alb. 6-3286 after 4:30 p.m.

ROOM FOR MEN, private entrance, weekly maid service, swimming pool, adjoining University, \$24 monthly. Bishop, Alb. 7-9483 after 5.

HOUSE, 3 bedrooms, Hoffmantown, \$75 per month, plus utilities. Pena, Alb. 2-6707.

MISCELLANEOUS—

CARE FOR BABY in my home, days, 637 Madeira SE. Mrs. Mueller, Alb. 6-2437.

TRADE—

GIRL'S BIKE, 20-in., for 26-in. girl's bike, must be in good condition. Dadian, Alb. 6-5635.

FOUND—

PLASTIC WADING POOL blown into my yard. Browning, 3063-35th Pl., Sandia Base, ext. 23198.

Sleight-of-Hand Expert to Perform Before Magicians

"Bobo", internationally-known sleight-of-hand artist, will appear before the Albuquerque Magicians Club at a meeting, July 5.

Author of numerous books on manipulation magic with coins, cards and other small objects, "Bobo" is making a lecture tour of magic clubs throughout the United States. His program here will consist of a formal illusion show, followed by a 3-hour instruction session with local members.

Place of the meeting had not been determined earlier this week, but interested persons may contact the officers of the club this weekend for further information.

Golf League Goes Into Second Week Of Round 2 Play

Team standings posted after the first two weeks of play in the second round of the Sandia Corporation Golf League found Team 5 of "A" Flight in first place with Team 2 runners-up, and Team 7 in third place.

In "B" Flight, Team 2 leads the pack with Team 5 second, and Teams 6 and 9 tied for third.

Play in the second round is based on handicaps compiled during first round play, it was announced. New handicaps for all participating golfers appear elsewhere in this issue of the SANDIA LAB NEWS.

Rules committee members announced that the University course will be closed the weeks of August 9 and 16. All "B" Flight golfers should try to complete the full schedule by August 9 at the latest. Members of the rules committee included: Jim Kelly, Dick Kidd, and John Puhara.

Players are asked to complete all information in both A Flight and B Flight log books available at the North Course clubhouse. Information must be posted after each round.

Fall Dog Show Will Feature Boxers Only

Tentative plans are in the making for a fall dog show featuring Boxers, Margaret Sylvanus, 4222, reports.

Margaret, a member of the newly-formed Boxer Club in Albuquerque, says that Lt. Peter Braginton, 8919 Cordova NE, and Mrs. Fred Carson, 2033 Utah NE, may be contacted by Boxer owners interested in club membership.

SANDIA CORPORATION GOLF LEAGUE

FLIGHT "A"		
Team Name	Hdcp.	
No. 1—J. Kelly	5	
E. Irving	6	
J. Cavanaugh	8	
No. 2—B. Kelly	4	
L. Smith	3	
G. Horne	7	
No. 3—C. Fornero	8	
M. Snyder	9	
B. Nelson	13	
No. 4—M. Richter	11	
D. Massey	8	
H. Adkins	8	
No. 5—R. Kidd	3	
J. Olson	5	
J. Puhara	8	
No. 6—W. Dzugan	6	
M. Fellows	8	
N. Jones	7	
No. 7—A. Dadian	10	
J. Hickey	2	
B. Clouse	5	
No. 8—B. Thomas	9	
R. McClure	9	
R. Johnson	10	

FLIGHT "B"		
Team Name	Hdcp.	
No. 1—O. Schroll	11	
W. Gorry	8	
B. Senn	13	
No. 2—K. Foster	13	
F. Silva	13	
D. Chavez	12	
No. 3—W. Jungmeyer	8	
H. Dietreich	9	
A. Schonberg	12	
No. 4—H. Lizome	12	
T. Clark	13	
No. 5—E. Harley	12	
C. Smith	11	
D. Knapp	13	
No. 6—J. Cocks	10	
C. Hutchinson	13	
W. Fitch	13	
No. 7—W. Bledsoe	9	
R. Shephard	9	
M. J. Norris	12	
No. 8—W. Wood	12	
S. Dike	13	
C. McAllister	13	
C. Carlson	13	
No. 9—T. Butler	10	
E. Hockett	13	
J. Donovan	5	



"HONEY, I'M STUCK IN HEAVY TRAFFIC ON RT. 5, MAY BE HOURS BEFORE I'LL BE HOME."

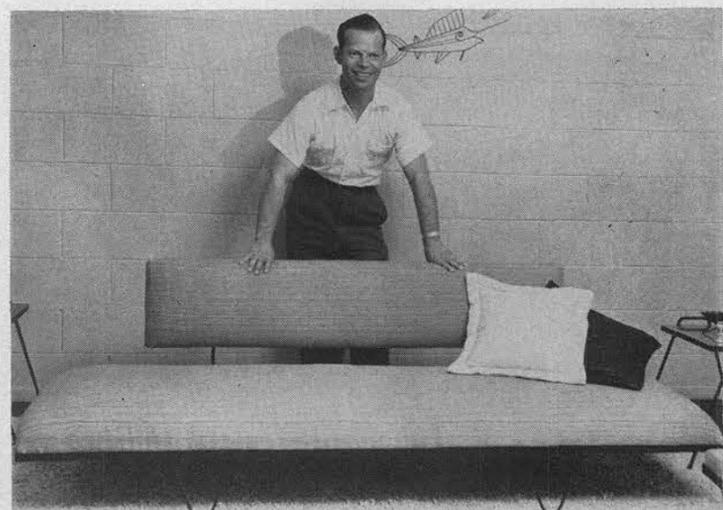


Photo by Laskar

MEL PLINER . . . "proves welding can be beautiful."

Torch, Welding Rod, Iron Bars Are Tools Needed to Make This Furniture

SANDIA EMPLOYEES' SOFTBALL ASSOCIATION National League

2ND ROUND—1954			
July 7, 1954—8:30 p.m.			
Dia. A—	Giants vs. Dodgers		
Dia. B—	Braves vs. Cardinals		
Dia. C—	Cubs vs. Phillies		
July 14, 1954—7:00 p.m.			
Dia. A—	Phillies vs. Cardinals		
Dia. B—	Cubs vs. Giants		
Dia. C—	Braves vs. Dodgers		
American League			
July 7, 1954—7:00 p.m.			
Dia. A—	Red Sox vs. Indians		
Dia. B—	Yankees vs. White Sox		
Dia. C—	Athletics vs. Senators		
Dia. D—	Orioles vs. Tigers**		
July 14, 1954—8:30 p.m.			
Dia. A—	Athletics vs. Yankees		
Dia. B—	Senators vs. White Sox		
Dia. C—	Tigers vs. Red Sox		
Dia. D—	Orioles vs. Indians**		
July 21, 1954—7:00 p.m.			
Dia. A—	White Sox vs. Athletics		
Dia. B—	Senators vs. Red Sox		
Dia. C—	Indians vs. Tigers		
Dia. D—	Yankees vs. Orioles**		
July 28, 1954—8:30 p.m.			
Dia. A—	Red Sox vs. Athletics		
Dia. B—	Yankees vs. Indians		
Dia. C—	White Sox vs. Tigers		
Dia. D—	Senators vs. Orioles**		
August 4, 1954—7:00 p.m.			
Dia. A—	Senators vs. Yankees		
Dia. B—	Athletics vs. Tigers		
Dia. C—	White Sox vs. Indians		
Dia. D—	Red Sox vs. Orioles**		
**Denotes home team.			
*All games on Diamond D will be at 7:00 p.m.			



Photo by Atler

GOLF CHAMPS—Chet Fornero, left, of 1541-3, and Larry Smith, 5241, look over their trophies shortly after being awarded top spots in the Sandia Employees Golf League tournament played recently on the University of New Mexico course.

Match Schedule Second Round SANDIA CORPORATION GOLF LEAGUE			
FLIGHT "A"		FLIGHT "B"	
Week of July 5—	Week of July 12—	Week of July 5—	Week of July 12—
Team No.	Team No.	Team No.	Team No.
1	4	1	5
2	6	2	7
3	7	3	8
5	8	4	6
FLIGHT "B"			
4	5	5	3
2	3	4	1
1	6	2	7
9	Bye	Bye	8
7	8	9	6