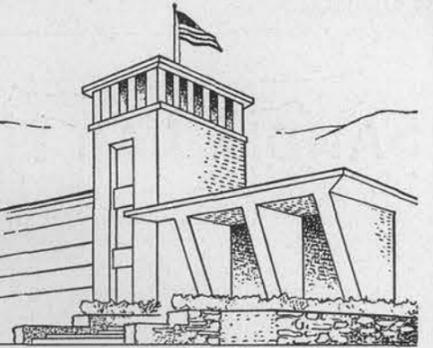


SANDIA LAB NEWS

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



Vol. 7, No. 8

ALBUQUERQUE, NEW MEXICO

APRIL 22, 1955

Lessel E. Lamkin Appointed Sup't

Lessel E. Lamkin has been appointed Director of Surveillance and Operations, 5600, effective May 1.

Mr. Lamkin has been manager of Department 1280, Auxiliaries Engineering, where he worked with de-



Lessel E. Lamkin

velopment of handling equipment and packaging engineering, including specialized stress and dynamic analysis studies.

A Sandia employee since early 1949, he first worked as a mechanical engineer, and for the past six years has been a supervisor in the Auxiliaries Engineering Department.

Prior to employment at Sandia Corporation he worked in engineering assignments for E. I. DuPont de Nemours & Co., Silver King Coalition Mines Co., Utah State Road Commission, and Gray & Murdock Mfg. Co.

A native of Salt Lake City, Mr. Lamkin was educated in Salt Lake Public Schools and is a graduate of the University of Utah with a degree in engineering.

Mr. and Mrs. Lamkin live at 2008 Cardenas Drive NE. They have a son, Lessel, Jr., and two daughters, Barbara Alice and Mary Ann.

Under the reorganization announced last week, two departments formerly in 5500 will report to Mr. Lamkin. They are the departments headed by L. R. Neibel and H. E. Viney.

Brig. Gen. K. E. Fields Is Named AEC Gen'l Mgr., Effective May 1

The appointment of Brig. Gen. Kenneth E. Fields, U. S. Army (Retired), a long term member of the Atomic Energy Commission staff and the Manhattan Engineering District, as general manager of the AEC was announced this week. The appointment becomes effective May 1.

Gen. Fields succeeds Maj. Gen. Kenneth D. Nichols, who resigned to accept a position as consultant with a Washington, D. C., engineering firm. He has been Director of the Division of Military Application since 1951.

Gen. Fields is well acquainted at Los Alamos and Sandia Base and within the Corporation which he has visited many times as a Corps of Engineers officer serving with the AEC.

Credit Union Has Biggest Month for Loans to Members

Sandia Laboratory Federal Credit Union loaned \$110,009.90 to members during the month of March. This is the biggest month of loan business since the Credit Union was founded in September, 1948.

Dale Bellamy, Credit Union manager, has released several other interesting statistics concerning the organization.

At the end of March, share investments had reached \$757,769.72 and outstanding loans were \$513,792.77. Since the start of the Credit Union, loans totaling \$2,063,809 have been made.

Two weeks ago members of the Credit Union Board of Directors announced new low loan rates. Mr. Bellamy points out that members who had loans at the time the lower rates were established should visit the Credit Union office in Bldg. 829 and arrange for their loans to be changed to the new interest rate.

Latin-American Dance Instruction Offered at Club

A ten-week course in the latest Latin-American dance steps will be offered to Coronado Club members and guests by Justin J. Heineman, 1723. The classes begin June 7.

Justin, who was trained in both the Arthur Murray and Fred Astaire dancing systems, plans instruction during the first course in the Tango and Mambo. A second session may be offered in the Rhumba and Samba. Classes will be limited to 12 couples.

Each two-hour class will be held on Tuesday evening from 8 p.m. to 10. Formal instruction of step patterns will be given during the first hour; informal, supervised practice dancing will occupy the final hour.

Club members interested in the Latin-American dance classes are asked to register at the Coronado Club offices prior to May 11. Tickets for each class will cost 50 cents for members, 75 cents for guests. Dance classes will be held in the Main Ballroom of the Club.



Brig. Gen. Kenneth E. Fields
New AEC General Manager

Adm. Granum on Program of Local Ordnance Group

A. M. Granum (Rear Adm., Ret., U. S. Navy), 2313, will speak to members of the American Ordnance Association at their May 5 meeting.



Adm. Granum

"Hide the Target" is the topic of his talk which will treat the dispersion of critical materials and manufactured parts in underground storage.

Also on the agenda for AOA members will be a discussion of the group's representation at the May 23 panel of the New Mexico Society of Professional Engineers. The meeting will be at 7:30 p.m. in Room 220, Mitchell Hall, University of New Mexico.

Amateur Artist Displays Painting in Bank Show

Hazel Vance, a data reduction clerk in 5241, who paints for a hobby, has had a painting accepted for exhibit at the First National Bank in downtown Albuquerque.

Hazel's painting of a giant saguaro cactus was painted from a Kodachrome slide which she made some time ago.

A Sandia Corporation employee since November, 1949, Hazel is presently taking additional art lessons in her leisure time.

Tech Directors Meet At University May 2

The Board of Directors of the New Mexico Council of Technical and Scientific Societies will meet at 7:30 p.m., May 2, in the Conference Room of the Warehouse Building at the University of New Mexico.

The Council is presently making plans for a group trip through the copper mines in the Silver City area. Interested members are asked to contact Nick Sannella, 5424, at ext. 24246.

Sandialiers Sing Musical Varieties At Coronado Club

The newly-reorganized Sandialiers stage their first entertainment of the season, May 6, when their Musical Variety Show will be shown at the Coronado Club at 8 p.m.

Some 35 Sandia Corporation employees and other Sandia Base personnel comprise the Sandialiers chorus, which will present two hours of popular and semi-classical songs.

A number of humorous skits, and a ladies' quartet will be features of the entertainment.

A pre-show view of the Sandialiers will be at 6 p.m., Thursday, April 28, on Johnny G's TV program.

'Sun Trails' Feature Tells of Sandia's Role

An article entitled "Sandia Laboratory—On the Engineering Frontier" will appear in the May issue of Sun Trails magazine. The article is by Arch Napier, local free-lance writer, and describes the relationship of the Sandia program to the atomic energy and military preparedness programs. The issue will be out about May 20.

Enrollment Deadline Nears for Sandia Hospitalization-Surgical Insurance Plan

ENROLLMENT DEADLINE FACTS

Enrollment period ends April 30, 1955. Applications must be in Division 3153 no later than May 2.
Payroll deductions begin in May, 1955.
Insurance becomes effective June 1, 1955.
The cost: Individual employee, \$2.16; employee and dependents, \$7.77.

Re-opening of enrollments for the Group Hospital and Surgical insurance plan has been enthusiastically greeted by Sandia Corporation employees. And statistics concerning those joining the plan prove this to be no overstatement.

On the first day of enrollment, April 1, 75 employees who previously had not been covered by the insurance submitted their applications. In addition, 14 others who already had single coverage, applied to include their dependents.

All through April, Division 3153 has been receiving a steady flow of applications for the insurance. When the month ends, it is expected that

the percentage of employees protected will be far above the 81 per cent who had applied at the end of the first enrollment period last fall.

Most questions concerning the plan are answered in a booklet which has been distributed to Sandia Corporation employees. In the case of those employees who have misplaced the book, they may obtain another copy from the Employee Services and Benefits Section, 3122-1, Bldg. 829, ext. 28263.

All benefits, which become effective June 1 of this year for new enrollees, are outlined in the booklet. There is a nine-month deferment of coverage for maternity and obstetrical procedures.

Scientist of Rocket Sled Fame Speaks to ASME Members in Albuquerque Apr. 29

Lt. Col. John Stapp, the man who rode a rocket sled which travels faster than the speed of sound, will tell of his experiences in a talk here to the members of the Albuquerque section of the American Society for Mechanical Engineers, Apr. 29.

The meeting will be at Leonard's Restaurant at 6:30 p.m. climaxing a two-day Regional Conference of ASME student branches throughout the Rocky Mountain area.

Col. Stapp, world famous for his experiments with rocket-propelled sleds at Holloman Base, will discuss his investigations of human tolerance to rapid deceleration. At present, he is continuing development of escape methods from high speed aircraft.

Also attending the banquet will be Carl Shumaker of Southern Methodist University, vice-president of the ASME in the Rocky Mountain region.

Elected to the chairmanship of the local unit of the ASME recently was Robert W. Henderson, 1200; Donald S. Bliss, 2534, was chosen vice-chairman; Eaton H. Draper, 1240, secretary; John W. McKiernan, 1333, treasurer; and C. Hilton DeSelm, 1210, and Richard A. Bice, directors. C. T. Grace of the University of New Mexico, and M. A. Smith of Albuquerque were chosen to the board of directors.

ASME members and guests may obtain further information and dinner reservations for the banquet from John McKiernan, ext. 37265.



LT. COL. JOHN P. STAPP, pictured here as he prepared for his 632-mile-an-hour ride on the White Sands rocket sled, will tell of his experiences in Albuquerque, April 29. Col. Stapp will speak to members of the Albuquerque section of the American Society for Mechanical Engineers.

SANDIA LAB NEWS

Friday, April 22, 1955

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

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Telephones: Sandia Base Extension 25253 or 26135



We, the Taxpayers

During World War II a serviceman overseas decided he wanted a government pistol so he shipped it home to his wife, piece by piece, over a considerable period of time. His theory was that when he returned home he'd have a weapon ready for use. His wife carefully assembled the parts and returned the pistol to him overseas—much to the interest of his commanding officer.

Then there is the tale of the fellow who so loved his Jeep that he tried shipping it home, piece by piece. This plan also went awry.

Quite a number of stories of misappropriation of government property have come to light through the years when so many of us have had such frequent use of Uncle Sam's belongings. Nowadays, with greater emphasis on economy and streamlining of operations in government, controls on property accounting make it difficult as well as extremely unwise for anyone to embezzle government property.

Right now, having just settled his tax account, the expenses of our government are of considerable interest to every taxpayer. The conscientious citizen is always quite interested in where his tax dollars are going—and honest Americans don't want them going to feather the nests of the dishonest.

But thievery accounts for only a part of the loss of government property. Waste, abuse, neglect, carelessness, and even plain stupidity cost taxpayers a pretty penny each day.

The fellow who uses Uncle Sam's property in his work (that's us) is handed quite a responsibility. Our government takes a serious view of the handling and disposition of its personal belongings. There is no such thing as "petty" larceny when government property is involved. And federal offenses are frequently dealt with very sternly upon conviction.

The taxpayers (again, that's us) would like to see their dollars put to the best, longest and most effective use possible. Whether you are driving a government car or simply using a typewriter or a soldering iron bought with appropriated funds, use it carefully and well. Remember that the portion of your paycheck you never see helped pay for it.

Congratulations

BORN TO:

Mr. and Mrs. Herbert Plagge, 5241, a daughter, Ann, April 1.

Mr. and Mrs. Warren H. Curry, 5141, a daughter, Alison Jean, April 7.

Mr. and Mrs. Monte Lawton, 2441, a daughter, Lisa Joline, March 29.

Mr. and Mrs. W. H. O'Connor, 1335, a son, Charles Robert, April 5.

Mr. and Mrs. David Gomez, 2522, a son, Andrew Joseph, April 8.

Mr. and Mrs. Leonard Clausen, 1723, a son, April 13.

Mr. and Mrs. Leo Arellano, 4151, a daughter, Janet Louise, April 1.



THIS little beauty is Karen Reck, 2½-year-old daughter of the James Recks, 2231. Karen models the latest in pint-sized frocks.

Coming Events

—Theatre, Art, Music, Lectures—

Friday, April 22 (also Saturday, April 23; Sunday, April 24)
"Oliver, Oliver," New Vic Players, Old Town Playhouse, 8:30 p.m.

Sunday, April 24
New York Philharmonic Orchestra, Carlisle Gymnasium, 3 p.m. (Community Concert Association).

Saturday, April 30
"Border Street," Polish film, 7 and

9 p.m., Mitchell Hall, University of New Mexico (Univ. Film Society).

Wednesday, May 4
Jan Pearce concert, Carlisle Gymnasium (sponsored by Zonta Club).
Bob Hope Exhibition Golf Match for N. M. Chapter of Arthritis and Rheumatism, Albuquerque Country Club, afternoon.

Dinner, Alvarado Hotel, for N. M. Chapter of Arthritis and Rheumatism, honoring Floyd B. Odlum, national foundation chairman.

Marshall Tippy, 3171, and his family are on a vacation trip which will include visits with relatives in Arkansas and Greenfield, Ohio.

Her friends at the Laboratory send get-well wishes out to Wynne Cox, 2461, who is recuperating from surgery.

Mary Bacon, 2462, and her husband, Doug, 2472, vacationed recently with Mary's parents in Sacramento, Calif.

Entertaining at luncheon recently for Donna Miller at the Officers' Club were her co-workers in 2471, marking her transfer to 5512.

Spending the Easter holidays with Kenneth and Myna Shinn, 2471, were Ken's parents, Mr. and Mrs. J. W. Shinn, of Salton Sea and Pomona, California, and a sister, Verna, from Calif. J. W. Shinn works in 2483.

His friends in 1643 wish a fast recovery for John Marquis who is recuperating from surgery.

Norma, 2461, and Oscar Goodwin, 2462, entertained Norma's sister from Illinois with trips to Taos and Los Alamos.

Leonard Baker, 2232, and his family enjoyed a tour into Old Mexico during their recent vacation.

A pot-luck office luncheon, complete with fried chicken and the trimmings, honored Greta Klingdon, 1631, on her birthday recently.

Frances Hale, 1631, her husband and son, Frank, and a fellow student of Frank's, vacationed Easter week in Beeville, Texas. Mr. Hale enjoyed some deep sea fishing and was pleased with his catch of 66 ocean perch. A highlight of the trip was a barbeque given for them by Frances' sister. Fifty guests attended the affair.

From 2462: Ruby Groll has been ill for several weeks and her co-workers are looking forward to her return. Edith Worley took a brief vacation at Easter to entertain guests from Bowie, Tex.

Among new Sandia homeowners are Jack Hale, 5132, who has moved into the residence at 4209 Shepard NE, and Ronald Reed, 5133, now living at 3406 Sierra NE.

Interesting places in northern New Mexico beckoned Frank Hudson, 5131, and Charles Clark, 5131, recently. Both Sandians entertained out-of-city guests with trips to Santa Fe, various Indian Pueblos, and national monuments.

Betty Klopolsky, a student at Phillips University in Norman, Okla., spent her Easter vacation with her parents, Bernard and Louise Klopolsky, 2113.

Meade Arbogast, 2112, has returned from a vacation in Nogales, Mexico.

Members of Org. 2100 send best wishes to Frank H. Longyear who underwent an eye operation recently, and to Louis Garcia, 2112, who is recuperating at home from surgery.

Lorraine Medina's Easter holiday at her home in Questa, N. M., turned out to be most un-Spring-like . . . it snowed heavily over the weekend. Lorraine works in 1932.

Edsel Gunn, 1932, entertained his parents from Texas over the Easter weekend.

Betty Howarth, 2333, and her family have returned from a trip to southern California where they attended the golden wedding anniversary of her grandparents.

around the departments



MARKING "OPERATION Big Switch" for members of 2461-1, 2 and 3 last week was a cake snack at which Kathy Teske helped serve. The occasion highlighted the interdepartmental transfer for many employees in those organizations.

Sponsor Dance

Members of the 2100 organization will enjoy a dance at the Coronado Club, April 30, to the music of the "Melodiers". Time is 9 to 1. The entertainment committee includes Leroy Peterson, president; Virgie Haverty, treasurer; Frances Gross, secretary; Mark Forster, Jim South, Vic John, Edie Zachiewicz, and Ruth Hunt, assisting.



No Ill Wind This

After a recent duster Ron George, 2413-3, resigned himself to scraping the newly blown dust off his yard. Sand rake in hand he started. In a moment he uncovered a genuine \$10 bill. It was last year that one of his youngsters found a \$5 bill in the debris after a windstorm. Now Ron can hardly wait until next year. Who knows, he may find the lawn!

John Hainlen, 3122-1, had three hand made flying models of airplanes parked on the edge of a flying strip. He hesitates to total the number of hours of labor which went into making the planes. A "pilot error" resulted in a flying plane diving head on, at about a mile-a-minute, into John's three ships. There was near total destruction. With true sportsman's spirit he's now building a new model.

Reveille, My Reveille

Don't forget—Monday is the start of the summer schedule, and everyone has to get up (or at least get to work) half an hour earlier. If you depend upon an automatic clock radio to wake you, better check the broadcasting schedule of your favorite station to see if they start that early.

How-To-Do-It

Meyer Berger of the New York Times tells that wives of baseball players give their husbands these instructions for swaddling the baby:

1. Lay the diaper out in the form of a diamond.

Jack Reynolds and John Hart, both of 1723, have returned from a two weeks leave, military, for work at Treasure Island Naval Base. Immediately following their leaves they spent a week's vacation at Squaw Valley, Calif., and Las Vegas, Nev.

Her co-workers in 1721 feted Dorothy Robinson with a baby shower during break time April 15. Refreshments included cake and coffee.

Sandia Lab News Editor Bob Gillespie is taking an enforced rest this week, recuperating from an emergency appendectomy. The staff wishes him a speedy recovery.

Ruth Farley, 1922, and her husband enjoyed a recent weekend at Taos, headquartering at the Sagebrush Inn.

Vacationing for a week from 1922 is Evelyn Ricard who is entertaining her brother and his family from Alabama.

Estelle Muses, 1922, and June Phalen, AEC, spent last weekend in Phoenix where they attended the annual Indian Pow-Wow.

Norma Lee Miles, 1922, and her husband visited several days recently with Norma's parents in Dallas.

Marilyn DeBetty, 1641, spent a week's vacation skiing at Alta, Utah, recently.

Rose Hainlen, 4152, has returned from a spring vacation in Trinidad, Colo.

Frank L. Benscoter, 1326, and his wife are vacationing in Mexico City and Acapulco. They are there on the "Good Will Tour" sponsored by the State of New Mexico. Highlights of their trip will include fishing at Acapulco and watching a bull fight in the big ring at the Mexican capitol.

Bring second base down to home plate.

Put the baby in the pitcher's box.

Bring first base, third base and home plate together.

Fasten with a safety pin and there you are.

If the game rains out, you start all over with a fresh diamond.

Things to Come

Stories which may appear in future issues of the Sandia Lab News: How to save \$144,000. What's behind a move. Want to prospect for uranium? Sandia's lost gold mines. How do you rate? Sandians at work in L. A.

Five Years Ago

Felix Padilla rewarded for suggesting "Coronado Club" as name for new employee social and recreation center . . . The Sandia Bulletin became a bi-weekly publication . . . Joe Hickey, Chet Fornero and Sam Johnson were organizing a golf league . . . Ted Sherwin pointed out that the drive for Coronado Club members was conveniently coinciding with payday.

A fourth grader from Ohio, writing for information about Sandia—and practicing her penmanship at the same time—found the name and address of our company a bit too much to cope with. But the Post Office was undaunted. The composite address read: "Albuquerque, New Mex."



Photo by Hodges

FISHING FAMILY debates the merits of flatfish lures versus salmon eggs as they make ready for trip to favorite angling spot along the Rio Grande. Jack Mafit, 3152, left, and Sue Ann Mafit, 2461, make a last minute check of their fishing gear at their home at 1521 Dennison Road NW.

Angling Experts These Mafits; May I To Find Them Fishing

Dry fly purist, Jack Mafit, 3152, tucked away an 8½-foot split bamboo fly rod and tackle box in the trunk of his Ford, and with his wife, Sue Ann, 2461, made careful preparation this week for the opening of the trout season, May 1.

Fly vs. Egg

Mafit, who is 35, has spent the major portion of his life, apart from working hours, on the banks of some stream in New Mexico, flicking the water with an oil-coated dry fly. "The only way to catch fish," Jack insists.

"But I use salmon eggs all the time," Sue protested. "Or a flatfish."

"See what I mean?" Jack said. "An amateur. She uses the easy baits." He grinned, admitting that his wife, Sue, is the best fisherman he knows. Bar none.

Jack went on to explain that trout fishing season opens an hour before sunrise on the first of May, and continues through Nov. 30. This year's creel and possession limit is 12 fish, Jack said. There is no minimum length. Warm water fish season is April 1 through March 31. Warm water fish include catfish, perch, and crappie.

Rio Grande Veteran

Mafit, who began fishing as a boy of four along the upper reaches of the Rio Grande, says that the best fishing spot in New Mexico is along the deep water stretches of the Rio Grande Gorge, or The Box, beginning at Pilar and running some 30 miles north. Jack enters the prize fishing ground on a trail some seven miles south of Questa, turning northwest off New Mexico State Highway 3. From here, the enterprising angler must descend 1,200 feet of rough stone trail into the river bottoms. "The CCC built the trail in 1933," Sue explained; "but the area is not heavily fished, and the big ones are in there."

"For people who use dry flies," Jack said.

"And for amateurs using salmon eggs, too," Sue said.

Jack said it was impossible to wade in The Box, that all fishing would have to be done from the banks. "I caught a 5½-pound Rainbow in The Box last year," Jack says. "The fish in The Box are big, but not frequent. Count on landing one, though, to repay you for the tough climb in and out."

Sue observed that the trail is not dangerous for the whole family; children can be taken along, also. "But it is a hard and exhausting climb," she said.

When whipping white water, Jack employs an 8-foot nylon leader, and any one of his standardized collec-

tion of five favorite flies: Royal Coachman, Willow Fly (early in the year), a Gray Hackle with red body, a Gray Hackle with yellow body, and a Rio Grande King. "These lures will cover any situation you can meet on New Mexico waters," he said.

"That and salmon eggs," said Sue. "Or a flatfish."

Fished Many Areas

Jack, who has fished for landlocked salmon in Idaho, for lake trout in Colorado, and German browns in Montana, says that the newly-developed spinning rod is taking all the sport out of a once-proud fishing avocation. He believes the spinning rod enables the rank amateur to take fish despite little knowledge of weather, water, and the fish's feeding habits. Fly fishing is an ancient and honorable sport, and should be kept that way. "It takes real skill to toss a dry fly behind a rifle," he says, pointing out that dry fly casting, while difficult to learn, provides the ultimate in fishing sport.

"I use salmon eggs on a 6-foot leader," Sue interrupted, "and one or two lead weights, depending on the speed of the water. Then I throw it in, and catch a fish every time. It takes real skill," Sue said, "to cast a flatfish with a spinning reel, then

pull it back slowly so the motion of the bait will attract a big rainbow."

Jack thinks that the waters southwest of Pagosa Springs, Colo., hard by the New Mexico-Colorado border also offer excellent New Mexico fishing; and the Chama area is not bad, although it is now extensively posted.

Jack and Sue Mafit keep a complete and elaborate set of camping equipment in their much traveled car: tent, cots, food, sleeping bags, boots, waders, one fly rod, one spinning rod. They are two of 22,000,000 Americans who spend in excess of \$90,000,000 a year for fishing equipment.

Almost every Friday night after work, the couple leaves for The Box, or for their new cabin site on the Conejos River in southern Colorado, where they are having a two-story log and stone cabin built on the ground.

"Best dry fly fishing country in the world," Jack claims.

"And salmon eggs, too," says Sue.

Sandia Flag Honors General Who Served in World War I

Flags on the Base were flown at half staff last Friday because of the death of Gen. Payton C. March, U. S. Army (Retired), in Washington, D. C., April 13. He was chief of staff during World War I. His grandson, Lt. Col. John Millikin, is Executive Officer, Base Command, here at Sandia.

McGuffey's Readers 'Capture' Sandian; He Seeks Complete Set of Famed Books

A legacy of several 19th Century school books has converted George Browning, a records supervisor in 2352-4, into a confirmed book collector. "That McGuffey reader," George said, "started my collection. Now I want to work up a complete set of these grammar school texts."

George, who was willed his collection of rare volumes by his father, is a native of Batesville, Arkansas. His books—all water-stained, with age-yellowed pages and torn bindings—reflect the passage of many years, the handling of small hands now long gone.

Many Volumes

Included in Browning's shelf of books are Elementary Algebra by Charles Davis, printed in 1859; Doctor Blair's Lectures in Rhetoric, 1848; Swinton's Word Book of Spelling Matches, 1870; Ray's New Intellectual Arithmetic, 1877; Town's Analysis of Derivative Words by Salem Town, 1874.

Others are: Common School Grammar of the English Language by Simon Kerl, 1868, and three McGuffey Readers for 4th, 5th, and 6th grades. Of these, the McGuffey readers perhaps are the more valuable, along with a 100-year-old Webster Blue-Backed Speller which lists 12,000 words in enlarged and archaic type.

George explains that his McGuffey readers, despite their age, have little monetary value. But as antiques they represent the last of more than 122,000,000 such volumes printed during the period 1836 to 1841. This huge circulation was attained at a time when the total population of the country was less than 17,000,000, George said.

About McGuffey

Author of the McGuffey Eclectic Readers was a man named William Holmes McGuffey, a Pennsylvanian born in 1800. During the 73 years of his life, McGuffey received no formal education, yet he managed to become president of Miami University, Ohio, and was an ordained Presbyterian minister!

George Browning has worked for Sandia Corporation since September, 1951. He and his wife, Helen, and two children live at 3063-35th Place, Sandia Base. He plans to return to Arkansas shortly, on vacation. "If I'm lucky back East," he said, "I'll find other McGuffeys to round out my collection."

Millikin Alumni Meet

Millikin University alumni will meet for a pot-luck dinner, 6 p.m., Saturday, Apr. 30, at the home of Doris Welch, 2451, at 709 Lagunayra Dr. NE. Any alums not already contacted and who are interested in attending the meeting are asked to make arrangements with Doris, ext. 24162.



George Browning
—McGuffey readers still help teach—

Welcome!

Newcomers

A welcome is extended the following newcomers who joined the Corporation between March 17 and April 12:

Edmond J. Holderman	1326
Louis W. Mecklenburg, Jr.	1333
James W. Carroll	1342
Paul L. Hansen	1342
Robert W. Allen	1611
James B. Brewster	1633
Joseph M. Bennett	1641
John L. Kay	1641
Robert J. Leslie	1722
Robert M. Petrone	1723
Janet I. Davis	1925
Thelma J. Eleen	2221
Diane F. Conant	2224
Elaine T. Schwerts	2333
James L. Pennington	2462
Fern L. Blair	2533
Deana F. Ward	2551
Edward J. Krapf	2562
Gladys M. Leierer	3151
Ethel V. Snyder	4135
Mahlon G. Baker	5210
Frederick R. Rohr	5221
Fae M. Parker	5241
Robert H. Ryan	5241
George M. Esslinger	5243
Peter Bortniak	5300
William H. Carman	5300
Charles I. Westmark	5300
Irvin L. Gasser	5521
Jean L. LaPaz	5512
Gresham G. Downs	1334
Wallace S. Brown	1612
Chester C. McCombs	1613
Donald N. Cox	1641
Mark A. Elich	1713
John S. Cowan	1723
Gloria G. Baca	1925
Delores V. Chavez	1925
Juliette O. Duran	1925
Elsie M. Pace	1925
James B. Gibbons	2122
Helen E. Batchelor	2463
Nadene K. Kindel	2531
Jo Ann G. Johnson	3152
Gladys M. Leierer	3151
Laurel J. Cook	3152
Helen M. Cristofano	3153
Delores I. Du Deck	3153
George T. McClure	4133
Robert Allison	5143
Jaqueline A. Sieghy	5241
Leonard J. Flesner	5551

Corporation Pistol Team in Second Place in League

Holding second place in the Sandia Base Pistol League competition is the Sandia Corporation Employee Pistol Team, captained by Al Sensel, 2111. Team average for the six-shoot meet is 1122, with an additional match to be held this week.

Sandians who shoot regularly with the team include: Dick Freeman 1326, Ernie Graves 1632, Ralph Larsen 2152, and his son, Tom; Dick Vivian 1711, and Al Sensel.

The Base pistol competitions are sponsored by the Sandia Gun Club.

coronado club



Apr. 22 - May 9

					Fri., Apr. 22 Social Hour Square Dance	Sat., Apr. 23 Dance Ray Giles Band 9 p.m.
Sun., Apr. 24 Open	Mon., Apr. 25 Open	Tue., Apr. 26 Chess Night	Wed., Apr. 27 Bingo 8 p.m.	Thurs., Apr. 28 Duplicate Bridge	Fri., Apr. 29 Social Hour	Sat., Apr. 30 Open
Sun., May 1 DORSEY BROTHERS 8 p.m.	Mon., May 2 Open	Tue., May 3 Chess Night	Wed., May 4 Ladies Afternoon Bridge	Thurs., May 5 Duplicate Bridge	Fri., May 6 Sandia Chorus 8 p.m.	Sat., May 7 Dance Charlie Beisel Trio 9 p.m.

EVENTS

PROMOTIONS

WILLIAM L. MARTIN, to supervisor of the Salary Administration Section, 2613-1. Bill, who joined Sandia Corporation in June, '51, has been employed in various positions in the Wage and Salary Administration Division.

Before coming here he taught production management at the University of California, Los Angeles, where he had received his M.A. degree in the subject, having received his B.S. degree in business management earlier from Marshall College, Huntington, West Virginia.

As an aerial navigator aboard B-17 bombers in World War II, Bill saw duty in Europe and Africa. Before the war he was a student at Virginia Polytechnic Institute at Blacksburg.

LAURENCE E. SNODGRASS to supervisor of Standards Engineering Section 1-B, 1631-2. Larry joined the Laboratory in April, 1952, and has worked in various phases of standards engineering since that time. Formerly he was employed by McCormick Works in Chicago as a field service engineer in the industrial power division.

Larry received his B.S. degree in industrial engineering from Illinois Institute of Technology and is presently taking graduate work in the evening school at the University of New Mexico. He was an instructor in aircraft ordnance and small arms while in the Navy.

He is a member of the Society of Automotive Engineers and secretary-treasurer of the Albuquerque Chapter, American Ordnance Association. A registered engineer in the State of New Mexico, he is a member of two honorary engineering groups, Tau Beta Pi and Sigma Iota Epsilon.

BRYAN E. "JIM" ARTHUR to supervisor of Standards Engineering Division, 1631. Jim, for the past three years supervisor of Section 1631-2, came to work at Sandia for the second time in June, 1949, after receiving his B.S. degree in Mechanical Engineering from the University of New Mexico. He was associated with Sandia in 1946 and 1947 and before that had been in the Army Air Force during World War II.

While in military service Jim was assigned to the Manhattan Engineering District at Wendover Field, Utah, and he was a member of the "Crossroads" assembly team both in New Mexico and at Kwajalein.

Before World War II, Jim attended Los Angeles City College part time while employed by General Controls Co., Burbank, Calif. He is a member of the American Society for Mechanical Engineers and Pi Tau Sigma, honorary engineering fraternity.

PAUL D. PEWE to supervisor of the Wage Administration Section, 2611-2, has been employed in the Wage Administration department for three years. Previously he was in wage administration work for the State of Illinois at Argonne Arsenal, and before that was employed in cost accounting work for a highway construction firm, also in Illinois. Paul attended the University of Illinois at Urbana and continued his major, accounting, at Augustana College, Rock Island, Ill., where he received his B.A. degree. A veteran of three years with the Air Corps during World War II, Paul was assigned to the Pacific Theater.

TRUMAN L. DANIEL to supervisor of the Job Evaluation Section, 2611-1. Truman has been employed in the Salary Administration division since he joined Sandia Corporation four years ago. Before coming here he taught business correspondence for a year at the University of Texas where he received his M.A. degree in Business Administration in 1951. He had received a B.A. degree in business administration from the U. of Texas in 1948. Truman served in the Infantry in Italy and in the Pacific Theater during World War II. Before entering service he was with the Kansas City Southern Railroad working in personnel organization.

ARNO K. LEUPOLD to manager of Manufacturing Relations Engineering, Dept. II, 2550. Since he came to Sandia Laboratory five years ago, "Leup" has been supervisor of Manufacturing Relations Engineering, Division A, 2531. The 30 years preceding his move to Sandia were spent with Western Electric Co. at Hawthorne Works in Chicago. While at Hawthorne, Leup worked in manufacturing relations engineering the majority of his tenure, with one year spent in personnel. After graduation from the University of New Mexico in 1914, where he received his B.S. degree in electrical engineering, he taught at UNM for six years. His subjects included engineering drawing, shop practices and mathematics.



SEVERAL OFFICIALS of the Western Electric Company visited Sandia last week in connection with an audit of Corporation practices and a review of records in accordance with terms of the contract with the Atomic Energy Commission. Pictured (l. to r.) are: James M. Campbell, Chief Auditor; Walter J. Madura,

Ass't Superintendent, Methods and Statistics; James W. McRae, President, Sandia Corporation; Max H. Howarth, Vice President and General Manager, Sandia Corporation; Charles Dugan, Comptroller; Arthur Clow, Personnel Director, and G. F. Raymond, Vice President, Purchasing and Traffic.

Sandia Weathermen to Attend Local Meeting Of Meteorology Group

Twelve Sandia meteorologists will attend a meeting of the Albuquerque chapter of the American Meteorological Society at Room 256 in the Administration Building on the University of New Mexico campus. The meeting will be at 7:30 p.m., Apr. 29.



Dr. V. J. Schaefer

Dr. Vincent J. Schaefer, director of research for the Munitap Foundation, will be chief speaker at the meeting. His topic will be announced later.

Dr. Schaefer has acted as consultant to the Hanford Engineering Works and is noted for research in experimental meteorology, precipitation, cloud studies, and the surface chemistry of crystals.

G. I. News—

From Sandians in The Armed Forces

Robert A. Bailey, on military leave for the past three and one-half years, was in Albuquerque last week on furlough from Beale Air Force Base, California. He expects to be released from service in November and is looking forward to rejoining the Engineering Services Department as a draftsman in 1641. His address is: S/Sgt. Robert A. Bailey AF 18403019 2275th Inst. Sqdn. Beale AFB, California

Enroute to his new assignment at White Sands Proving Ground, Ens. Emil Kadlec, visited his friends at Sandia Corporation recently. Emil, on military leave from 1322, recently completed a training program at Port Hueneme, Calif., and has moved to WSPG where his address is: Ens. Emil Kadlec Naval Ord. Test Fac. P.W. Depot WSPG Las Cruces, N. M.

Wedding

Barbara Longoria, 1215, daughter of Mrs. F. M. Longoria, Dallas, Tex., and Pfc. Ben F. Boozel, son of Mr. and Mrs. J. R. Boozel, Meadville, Pa., were married April 2 in Bernadillo. Barbara, who joined Sandia Corporation last fall, and her husband are living at 1907 Gold Ave. SE.

'Aggie' Worth Found Relaxation When He Chose Hobby of Painting With Wool

A colorful "painting" in wool is Commodore Daniel F. Worth's latest creation, a hooked rug depicting a jungle scene and executed in a multitude of brilliant tones.

The Commodore, Assistant Manager for Development and Production Operations, AEC Santa Fe Operations, launched his hobby of making hooked rugs about three years ago.

And with his first rug he took top prize at the New Mexico State Fair. The prizewinning floor piece features his grandfather's New England home at Martha's Vineyard, an island off the coast of Massachusetts, and was copied from an old etching of the Worth house, long since destroyed by fire.

Yards and yards of dress wool and hours and hours of patient hooking go into "Aggie" Worth's fine rugs. "I do it for relaxation," he points out. His recently completed rug is 30 inches wide and 10 feet long. It was intended to be a hall runner.

"We put it down in the hall," Mrs. Worth recalls, "but decided it was just too pretty to walk on—even our dog, Horace, walked around it!" Now it is kept off the floor and away from wear and tear.

The Commodore, who spent 33 years in the Navy, has also turned out many charming oil paintings. A family favorite showing a grove of sunlit trees hangs in the living room at their residence, 3728 Pennsylvania Ave., on the Base. His experience in oil painting has carried over to the method in hooking rugs.



Hobbyist Worth

"'Aggie' makes a rough sketch on the canvas," his wife explains, "then adds to it as he goes along, filling in different colors and blending them accordingly. Frankly I don't see how he does it..."

In the past several months the Worths have heard from relatives and friends in the east about other men who are enjoying the hooked rug hobby.

"One of them even dyes his own wool," Mrs. Worth says, "but 'Aggie' doesn't want to go into all that—too much work, he thinks, and that would take the fun out of it. He'd rather 'paint'."



Photo by Laskar

"AGGIE" WORTH's latest hooked rug reflects hours of painstaking stitching and clipping. It is displayed here by Mrs. Worth, who is proud of her husband's artistic flair.

Sandians Who Serve

Dan E. Neff, Jr., 2332— Church and Civic Leader

President of the Men's Council for Regina Coeli parish and chairman of its finance committee is Dan, who though a non-Catholic, takes a more than passive interest in his children's church and school. In line with his parish duties, Dan interviews newcomers to Albuquerque and assists those who become active in the parish.

He is a past vice-president of the Heights 20-30 Club and a working member of the Young Democrats Organization of New Mexico. A member of the alumni association of Sigma Chi fraternity at UNM, Dan is also a former trustee of Local 251 of Office Employees International Union and is at present on the job grades study committee for that group.

Dan and his wife, Rosemary, and their children, John, 11, and Judy, 10, live at 2009 Utah St. NE.

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

A. F. Cone Elected New Chairman of Local ASQC Club

The Albuquerque section of the American Society for Quality Control has elected Arvine F. Cone, 5510, chairman.

Others elected to office included: Nancy Bercaw, 5512, secretary; William E. Rehbeck, 2544, treasurer, and R. E. McCleandon, of Albuquerque as vice-chairman.

Chosen as the organization's representatives on the New Mexico Council of Technical and Scientific Societies were Keith Schroder, 2551, and Allen Hurford, 5331.

Toastmasters Elect

At a recent election of officers of the Manzano Toastmasters' Club, the following were chosen:

Irving Luke, 1643, president; L. Lowell Johnson, Field Command, AFSWP, vice-president; Robert Statler, 5262, vice-president, administration; Richard Williams, 1214, secretary; Charles Hays, 1212, treasurer, and Bernard Heinrich, 1212, sgt.-at-arms.

Joint Meeting of AIEE-ISA Planned For Tuesday, Apr. 26

The Albuquerque section of the Instrument Society of America and the northern New Mexico section of the American Institute of Electrical Engineers will hold a joint meeting Apr. 26 at 7:30 p.m. in Room 201, Electrical Engineering building at the University of New Mexico.

Speaker will be John Miller, vice-president of the Weston Electrical Instruments Company, who will discuss modern metering equipment, and will show slides to illustrate his talk.

Miller is a fellow of the AIEE and IRE, past chairman of the Instruments and measurements Committee of the AIEE, past chairman of the Committee on ASA Instruments Standards, and is active on other committees in the instrument field.

Refreshments will be served after the meeting. Visitors are cordially invited.

Professional Group Activities

Antenna and Propagation

The professional groups on Antennas and Propagation, and microwave theory and techniques of the Albuquerque-Los Alamos section of the Institute of Radio Engineers will meet jointly May 4, at 8 p.m., at the home of F. J. Janza, 1020 Garcia Street NE.

S. H. Dike will speak on "scattering Cross Section of a Dipole Antenna."

Circuit Theory

Dr. Ralph McGehee will discuss "Loading Error in an Analog Network" at a meeting of the IRE professional group on circuit theory to be Apr. 27 at 8 p.m., in Room 219, Mitchell Hall on the University campus.

Co-Workers Mourn Employee's Death

Richard W. Pittenger, a Sandia Corporation employee since Septem-



ber, 1952, died at his home April 6. He was employed in Org. 4152.

Mr. Pittenger is survived by his mother, Mrs. Phoebe Pittenger, and a sister, Mrs. Dorothy Tull, both of Alexandria, Va.

Not Even SRO Left for Dorsey Brothers Dance



"Completely sold out!" is the local appearance at the Coronado Club of the Fabulous Dorsey Brothers, with Buddy Rich, drummer.

The band will play for dancing from 8 p.m. to midnight, May 1. No additional tickets are available.

Glen Lathrop Back At Work After Four Years' Navy Service

Recently returned from four years' service with the U. S. Navy is Glen Lathrop, a service clerk in 2111.

Glen served for two years at Barber's Point, Hawaii, and also at Moffett Field and San Diego, Calif. While in the naval service, he was an aviation metalsmith.

Glen came to work with the Sandia Corporation in December, 1949, and entered the Navy in February, 1951.

Carl Carlberg, W5IH, Speaks to Radio Club

"Use of Ceramic Capacitors in Receiver and Transmitter Circuits" will be Carl Carlberg's topic when he speaks at a meeting of the Sandia Base Radio Club, Apr. 25 at 8 p.m. The meeting will be in Building 364, corner of Texas and H Streets on the Base.

Carlberg, W5IH, former Sandia Corporation employee now employed as a manufacturer's representative, has donated a kit of ceramic capacitors as a door prize for the meeting.

Other business to be conducted at the meeting will be a discussion of the forthcoming Field Day and election of officers.

The regular Code Class of the Radio Club will be held, as usual, at the Club Rooms in Bldg. 364, at 7 p.m.

Sandia Red Cross Worker Reports on Letters of Thanks

Ben Blythe, 5522, American Red Cross volunteer worker, reports that "thank you" letters have been received by Albuquerque children from Vienenburg, Germany, in response to gift packages sent at Christmas.

Ben works as liaison officer among several Albuquerque Junior High Schools in promoting Junior Red Cross activities in the Red Cross Gift Box Program.

Films Scheduled For ASM Meeting

Two movie films and a discussion of the metallographic exhibit of the American Society for Metals will be presented by Jack Abbott, 1622, at a meeting of the Albuquerque chapter of the ASM, Apr. 28 at 7:30 p.m., in the Mechanical Engineering building at the University of New Mexico.

Titles of the two films are "To Greater Vision," the story of light and glass, and "Heat Treating Hints," a portrayal of modern heat treating techniques.

Sympathy

To Bill Caldes, 5513, whose mother died in New Jersey recently.

To Marvin Austin, 2232, and family for the loss of their infant son, April 3.

To Inez Gay, 2122, whose mother died recently in Kentucky.

To Willie Perea, 2113, whose father died in Albuquerque last week.

To Jean Stebner, 3125, whose father died last week in New York.

To Mr. and Mrs. Charles L. Stoner, 2541, for the loss of their son, Douglas Lee, last week.

Sandia Corporation's Work Continues at the Nevada Test Site



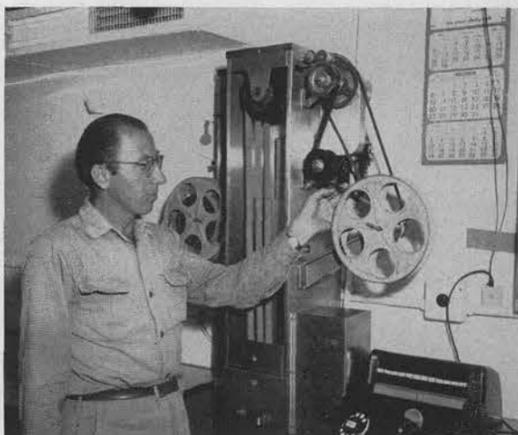
NTS PHOTOGRAPHER—Photographer for Sandia Corporation Field Testing organization is Henry G. Sweeney who has taken the photographs shown in this series on Sandia activities at the Nevada Test Site.



UNDERGROUND SHELTER—Recording equipment goes into operation under the careful hands of Ralph Schellenbaum, 5111; Guy Woodruff, 1211-2.



500-FOOT TOWERS—Fast disappearing are these towers which carry nuclear devices. Before the tests started they dotted the desert floor of Yucca Flat and Frenchman Flat at Nevada Test Site.

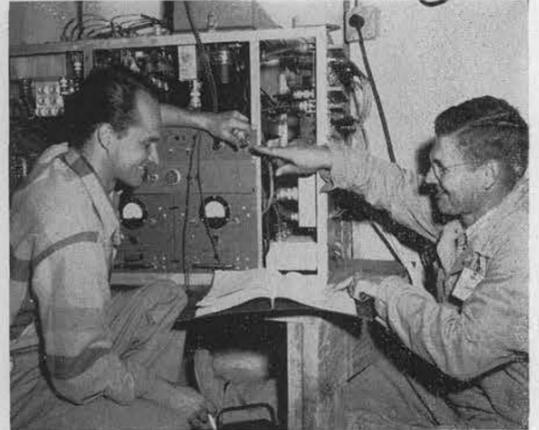


PROCESSING FILM—James S. Turner, 5216-2, operates the film dryer in the Sandia Corporation mobile photographic laboratory in Nevada.

The Atomic Energy Commission's tests in Nevada have been underway for some weeks and through these busy days Sandia Corporation employees have helped prepare the experiments and have assisted in compiling the test results.

Many, many Sandians have worked at the Nevada Test Site, but only a fraction of them have been captured in pictures taken by the Field Testing organization for the SANDIA LAB NEWS. The few we have photographed must help tell the story of all Sandia employees at the Site.

Photographs in this series have been processed and cleared at the Nevada Test Site.



UNDERGROUND WORK—Winton B. Pafford and Hans E. Hansen, both 5226, study recording equipment in an underground shelter used by Sandia Corporation Field Testing engineers.



INVENTORY—George Duffield inventories his billfold after an evening in Las Vegas. Howard Turner, Walter R. Drake look on. All are in 5212.



PHOTOGRAPHIC WORK—Thomas Taylor, 5216-2, one of Sandia Corporation's technical photographers in the Field Testing organization, works in the mobile photo lab at Nevada Test Site.



WAREHOUSE—Sandia engineers find a ready supply of needed equipment at the Nevada Test Site. Members of the Camp Mercury warehouse staff are Kenneth R. Edwards, left, and John W. Tanner, both of 1932.

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 Apr. 29

FOR SALE—

COCKER SPANIEL PUPPIES — AKC registered, excellent bloodlines, all buffs, \$35.00 Rodgers, Alb. 4-4454.

FRIGIDAIRE RANGE, almost new, cost \$429, sell for \$290; bassinette \$7; crib, mattress \$15; playpen \$6; chinchilla cage \$8. Stisser, ext. 54282.

GE ELECTRIC REFRIGERATOR, 9 cu. ft., used two years \$100. Stamm, Alb. 4-1116.

KENMORE WRINGER WASHER, automatic timer; playpen; maple crib, Kantwet mattress; 2 galvanized tubs, stand, all best offer. Whiteman, Alb. 6-2916.

CHEVROLET, 1952, 2-door deluxe, R and H, powerglide, 28,500 miles, new white sidewall tires \$895. Hoover, Alb. 6-7770.

VACUUM CLEANER, Kenmore, complete set of attachments, plus venetian blind cleaner unit \$30. Maase, Alb. 6-8450.

THREE-QUARTER Hollywood bed \$25, or will trade for rollaway bed. Koetter, Alb. 6-6904.

WINCHESTER 1873 Rifle \$25; Zeiss binoculars, will swap for old cap and ball or flintlock pistols. Smitha, 8607 Menaul, Alb. 6-9493.

SPEED EQUIPMENT for 32-48 Ford-Mercury; new Harmon and Collins dual coil ignition \$25 including spare parts; Lucas (Mallory type) ignition \$15. Sisler, ext. 24149.

FOUR BEDROOM HOME, 1 1/2 baths, carpeted, drapes, 2-car garage. Church, 1101 Florida SE, Alb. 6-5455.

LOT, 50 x 180 ft., all utilities, 301 53rd St. NW. Waldorf, Alb. 3-0589, before 9 a. m. or after 6 p. m.

WOMEN'S WHITE shoe roller skates, size 3, new \$10; steel power tool stand \$5. Curtin, Alb. 6-4603.

FIVE-SHELF cabinet \$7; ice skates, size 5 \$6; velvet evening cape \$17.50; gas range \$55; miscellaneous items. Rudeau, Alb. 3-2452.

WESTERNER'S HOME: 2 bedrooms, den, fireplace, large kitchen, open ceiling, 2733 Indiana NE, Hicks, ext. 51245 (see Sunday afternoons).

COLLINS 32V2, spare RD432 and relay \$475; 600 watt transmitter \$300; Meissner signal shifter \$27.50, will finance. DeJong, Alb. 5-2795.

WESTERN SADDLE, 27-lb. \$55; bridle \$9; chicken brooder, 100-chick capacity \$8; Meek, Alb. 3-4336 evenings.

TWO BOOKCASES 48 x 60 and 36 x 48 in., also single 4-poster bed. Helm, Alb. 6-2075.

CHEVROLET, 1942 \$125 or best offer; horsehide motorcycle jacket \$20. Williams, 821 Monroe NE, Alb. 5-4109.

HARDWICK GAS STOVE \$55; vacuum cleaner, GE tank type with attachments \$15. Bradley, 1120 Dakota SE, Alb. 5-9562.

EASY SPINDRYER washer \$50; baby carriage \$10. Duke, 3111 Montclair NE, Alb. 4-2629.

THREE BEDROOM Hoffman Royal, GE dishwasher, garbage disposal, 9006 Candelaria Rd. NE, Schiess, Alb. 6-2047.

HOLLYWOOD TWIN BEDS, duster ruffle, coverlet, bolster \$40 each; maroon upholstered hassock, quilted pockets for shoes inside \$5. Dusek, 812 Adams NE.

WINDOWS, steel sash with screen 58x51 in., 18x38 in., third off. Everitt, 410 Richmond Pl. NE, Alb. 6-3703.

STUDEBAKER, 1952, V-8 convertible, Nylon top, 5 new white-sidewall tires, R and H, good upholstery, terms. Anderson, ext. 44247.

SUPER PRO-400-SX receiver. DeLorenzo, ext. 26295.

BED DIVAN, green tweed \$35; green tapestry Lawson lounge chair \$15. Matlack, Alb. 6-7371 after 5:30 p.m.

MOSSBERG target rifle, .22 cal., six shot bolt action, 4X scope \$25 or best offer. Pinnell, Alb. 4-1559.

SPEED GRAPHIC, 2 1/4 x 3 1/4 F3.5, R.F., focus spot, flash, roll film back, filters, case, reasonable. Osterby, Alb. 6-8804, after 5.

ROLL PICKET FENCE, 50 ft. \$12; 30-gal. water heater \$30; Marksman 120 camera, flash attachment, bulbs, carrying case \$10. Oberg, Alb. 5-6832 evenings.

COFFEE TABLE and matching end table, both blond solid oak with shelf \$18; Barcelona patio chair, reclining \$6. Sherwin, Alb. 5-8866.

COLDSPOT chest type, 14 cu. ft. deep freeze, 2 1/2 year warranty \$250. Van de Velde, Alb. 5-8174.

CUSHMAN LOVE SEAT \$80. Mattila, ext. 32175.

TOWER LEICA—type 35 mm. with f2 Nikkor, plus Leitz 127 mm. f4.5 telephoto and flash, filters, sunshades, cases \$185. Knox, Alb. 5-3145.

LIMED OAK DINETTE, green plastic seats \$25. Shine, 2723 Montclair Dr. NE.

OR TRADE: half-inch Sioux heavy duty electric drill \$40; 4500 CFM squirrel cage blower \$30; want band saw or rifle. Stuart, Alb. 4-1887.

GMC PICKUP, 1952, 1/2-ton, R and H, 4-speed, new tires. Vigil, Alb. 6-6939.

PIANO, Wurlitzer spinet. Foley, Alb. 4-2762.

12 GAUGE Winchester automatic shotgun \$35; 22 Savage automatic rifle \$25. Cosell, Alb. 5-1524, 515 Virginia NE.

1952 HARLEY DAVIDSON "K" Model \$550. Weaver, Alb. 4-4897.

1950 TRAVELITE trailer, 24-ft. \$1500. Olsen, Alb. 3-8494.

FRAME STUCCO BUILDING, 7 x 7 x 7 ft., suitable for tool shed or child's play house; 2 wheel trailer 4x7 ft.; 8-ft. disk. Blevins, Cedar Crest, N. M.

CHILD'S CRIB and mattress. Cherb, Alb. 6-8398.

NEW 100-Ft. Goodrich Koroseal sprinkler hose \$6. Flowers, Alb. 6-1656.

1953 PHILCO refrigerator, 6 1/2 cu. ft. \$90. McDermott, ext. 49180, 3207 30th Place, No. C.

OR TRADE: 1950 Chevrolet convertible; also 1929 Model A Ford. Marchbanks, Alb. 4-3359.

1951 EAGLE MOTOR. Baca, Alb. 2-5955.

HOLSTER AND GUN belt for .38 S and W Spl. Johnson, 2842 Bel Aire Dr. NE.

1948 FORD 4-door, R and H, \$250. Rogers, ext. 22155, 838 Hidalgo Circle.

BOY'S 26-in. BICYCLE, new tires and tubes \$10. Hobart, Alb. 5-7815.

DISHWASHER, General Electric portable, reasonable. Kaspar, ext. 47287.

APEX MANGLE, \$50; collapsible combination bed-playpen, \$10; Babytenda, \$15; Taylor-tot, \$3; Teeter-babe, \$3; training chair, \$3. Quigley, 10421 Ralph Ave. NE, ext. 28234.

SIX-YEAR SIZE BED and mattress, foot control double drop sides, adjusts to 4 levels, clean, \$20. Thayer, Alb. 6-4630, 1424 Hoffman Dr. NE.

CLEAN 1948 JEEP, \$475, or will trade for clean pickup truck; also camping trailer, \$50. Manning, 1201 High St. NE.

AKC REGISTERED Red Dachshund male puppies. Gundersen, 220 Gen. Chenault St. NE, Alb. 6-1846.

BUICK SPECIAL, 1953 hardtop, 20,000 actual miles, R and H, w/w tires, standard transmission, red with cream top. Lincoln, 3306-43rd Pl., ext. 43197.

OR TRADE: Marlin lever action rifle, .22 cal., \$25; also .22 cal. pump action rifle, \$20. Zaluga, Alb. 4-1564.

MAN'S LIGHTWEIGHT 3-speed bicycle, \$30; complete Babcock radio control equipment and model, new, \$60. Cody, ext. 25180.

TWO BEDROOM HOME, close to bus, shopping center, bases, \$600 down. 1415 Hermosa Dr. SE, Durham, Alb. 5-7961.

FIVE-PIECE solid oak dining room suite, \$40. Luckett, Alb. 6-2346 after 5:30.

WARDROBE, 5 ft. 4 in. x 2 ft. 6 in. deep \$7. Russell, Alb. 3-2332.

DUMONT TABLE MODEL TV, 1954 model, mahogany cabinet, \$90 including swivel-top table. Isburgh, 1606 Grand NE, Alb. 3-2719.

120 WATT all band amateur phone transmitter PP 807-S, heavy duty power supply and all coils included, less exciter, \$90. MacArthur, Alb. 6-6367.

COMMUNICATIONS RECEIVER, Hallcrafters S-38 B, \$29, or will trade for typewriter. Farmer, Alb. 5-7279.

PORTABLE double laundry tubs, white enameled, nearly new, \$10. Jensen, 3130-40th St., ext. 42180.

FIVE-PIECE light oak dinette set, \$25. Kent, 1914 Virginia St. NE, Alb. 6-2115.

BICYCLE, Schwinn, 26-in., new tires, \$20. Hurlford, ext. 46281.

EPENCH HORN, Conn Pan American. Bircher, ext. 52263.

KIRBY VACUUM CLEANER, all attachments including floor polisher; bed divan, matching chair; maple kitchen set. Flanagan, 5014 Matthew NE, Alb. 6-0017.

VENETIAN BLINDS, \$7; Simmons bed springs, \$10; semi-auto. Bendix washer, \$60; twin bed frames, \$20; electric ironer, \$60. Davis, Alb. 6-0516.

HOME, 3 bedroom, brick, Inez, extra large garage, utility, 134 baths, tiled, hardwood floors, FHA/GI. Barth, Alb. 6-1014.

THREE BEDROOM HOME, walls, sprinklers, patio, 30x10 canopy, landscaped, near schools, bus, GI appraised. Schorr, 729 Dakota SE, Alb. 5-7234.

1946 CHEVROLET, new paint, battery, seat covers, good tires, \$295. Jones, Alb. 2-1183 after 5 p.m. weekdays.

EVAPORATIVE AIR CONDITIONER, 1500 CFM, includes 50-ft. copper tubing, \$50. Moffat, ext. 20173.

CRAFTSMAN 75 amp. arc welder, \$50; double laundry tubs on roller legs, \$5. Van Vickie, Alb. 6-3223.

FRIGIDAIRE electric range, 30-in. model with extra large oven. Kail, 2812 Alvarado Dr. NE, Alb. 5-2933.

Mel Otero Is Elected Head of Softball Ass'n

Mel Otero, 2521, was elected president of the Sandia Corporation Employees Softball Association, and Ray Pierotti, 1240, vice-president, at a meeting in Building 802 recently.

Elected secretary for the 1955 softball season was Mrs. Betty Schultz of 3122.

Regular season softball play begins May 9, in "A" and "B" Leagues of the Association. Three games will be played by each team every two week period.

Although 14 teams are already entered in league competition, additional teams may still enter. Managers of interested teams are asked to contact Betty Schultz at ext. 25197.

Cushman Regains Top Spot in Handball Play

A challenge re-match between Harold Cushman, 2552, and Howard Wicke, 5132, for top spot in the Sandia Corporation handball ladder put Cushman again in the lead, 21-17, as Wicke fell back into second place.

Gil Eggert, 1632, retains his hold on the third place position.

Still in first place in the doubles play are Harold Cushman and John Souza, 2553. Second place is held by Jim Kelly, 2231, and Nick Pavletich, 2541.

21 FT. 1 1/2-IN. GALVANIZED pipe, trap and fittings for rough-in for automatic washer \$10. Boyden, Alb. 5-3456.

SERVICE FOR SIX and extra serving pieces in chartreuse Russell Wright pottery. Southwick, Alb. 5-3312.

1955 FORD 2-door sedan, V-8, H and OD, about 1000 miles, \$300 off list. Smith, Alb. 6-7279.

TRADE—

RELOADING SUPPLIES and .30 cal. barrel; will trade for rifle primers, pocket watch or wristwatch. Martinson, Alb. 3-6901.

WANTED—

HOLT'S FRENCH language records. Springer, Alb. 5-0697.

RIDE from Harvard and Garfield or Garfield and Yale to Bldg. 892. Lynn, Alb. 3-1935.

TO FORM or join car pool from Snow's California Ranch addition to NW corner area 1. Willis, ext. 36137, 10115 Baldwin NE.

RIDE from vicinity of Menaul NE to Bldg. 802. Ewald, Alb. 5-7269.

CAR POOL or ride from vicinity Carlisle and Smith to Bldg. 892. Stiefeld, Alb. 6-0737.

TWO DRIVERS for car pool from West Hoffmantown area to Bldg. 802. Wilds, Alb. 5-9089.

CEMENT MIXER, wheel barrow and water pump. Tiley, Alb. 6-8110 after 5.

RIDE from 400-block Dallas NE (near Tesuque Drive-In) to Bldg. 880. Rebecca Wade, Alb. 6-4895.

HOMES for Calico Kate's latest kittens, healthy and housebroken, best references. Johnson, Alb. 5-8851.

RIDE from 1304 Columbia Dr. SE to Bldg. 807. Ralfella Corbitt, ext. 22161.

RIDE from 3509 Garcia NE to Bldg. 807. Valerie Griffis, ext. 47252.

NEED RIDERS, leaving for Kansas City May 7, returning May 14. Jeanne Barter, ext. 37255.

RIDE to Indiana for two about June 1. P. B. Burns, ext. 56135.

GIRL for housework 4 days a week. Brightfield, Alb. 6-8172 after 5:30.

MISCELLANEOUS—

CHILD CARE in private home, 1016 San Mateo SE. Mrs. Mayer, Alb. 6-4504.

WILL CARE for children in my home, 5 days a week. Mrs. Grosbier, Alb. 6-9109, 2805 Cuervo Dr. NE.

BABY SITTING evenings and weekends. Hakes, Alb. 6-2114.

FOR RENT—

NEWLY DECORATED, neat and compact 2-bedroom furnished house \$65, 5 minutes to base. Persson, 328 Louisiana NE, Alb. 5-5038.

UNFURNISHED HOUSE, stove and refrigerator, 2 bedrooms, fireplace, w/w carpeting, garage, fenced, trees, University district \$85. Hartzell, ext. 40141.

TWO BEDROOM home, 503 Columbia SE, near bus, school; water, garbage paid \$60. For appointment, call Wallace, Alb. 4-4382.

WILL SUBLEASE 3-room furnished apartment June 1 to Sept. 1 \$60 mo. 421 Pine St. SE. Cismaski, Alb. 7-8340.

EFFICIENCY APARTMENT, 1315 Lead Ave. SE, all utilities except electricity \$50 mo. Ruffin, Alb. 2-0457.

SLEEPING ROOM in private home, near bases and bus line, breakfast if desired. Jordan, Alb. 5-3311.

THREE BEDROOM home, hardwood floors, close to schools and shopping center. Summer, ext. 47133.



Photo by Laskar

Lewis West
—his business is picking up—

'Electric Broom' Sweeps Roadways Clear of Metal Threats to Auto Tires

The Tech Area is rapidly becoming "civilized", according to Lewis West, 2417, operator of the Sandia Corporation Motor Pool mobile electro-magnet. Lew says he used to pick up half a ton or more of nails, iron, scrap, rivets, and steel waste every eight-hour day. But his load has lightened over the years until now he gathers scarcely two or three bushels of scrap each trip.

Lew drives a fork lift which bears a 3 1/2 kilowatt electro-magnet on the two prongs of the fork. Once a week, he rumbles through the Motor Pool gate bound for different parts of the technical area. He cruises the streets and parking lots, as nails and other ferrous metal fragments jump from the ground to the face of the huge magnet.

After a trip through the Area, Lew returns to the Motor Pool, turns off the current, drops his tire-piercing nails and other steel debris. The metal is safely disposed of where it will never again threaten tires.

Unfortunately — Lew says — his magnet won't pick up money.

"But it'll pick up other things," he claims. "Girls with cheap iron slave bracelets on their ankles: watch out!"

"I even picked up a manhole cover once," Lew says with a grin. "But I had to put it back!"

Safety Saying . . .

Treat eyes right to have eyes left.
Wear Eye Protection.

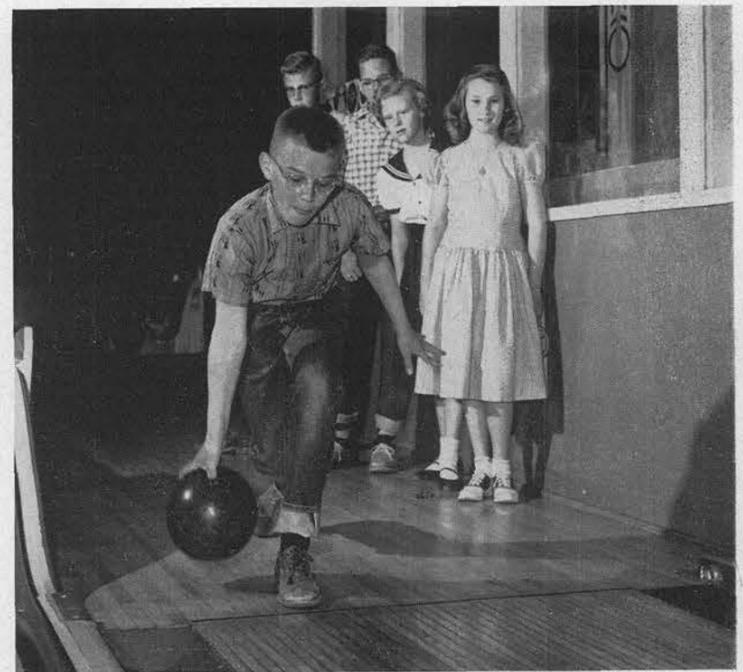


Photo by Hodges

NOVICE BOWLER David Levin keeps his eye on the foul line as he gets set to roll another strike in the Coronado Club Junior Bowling classes. Looking on in the background, l to r, are Daniel Levin, Frank Emig, Susan Grover, and Mary Weihe.