

Sandia LAB NEWS



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

Vol. VI, No. 8

ALBUQUERQUE, NEW MEXICO

April 9, 1954

Role of Tool Engineer in Design Will Be Told to ASTE by H. G. Mehlhouse

Harvey G. Mehlhouse, 2500, Superintendent of Manufacturing, Planning and Inspection for the Laboratory, will speak April 15 at the dinner meeting of the American Society of Tool Engineers to be held at Leonard's Restaurant.

Mr. Mehlhouse has chosen for his topic, "The Tool Engineer's Role in Product Design."

A veteran of 23 years with the Bell System, Mr. Mehlhouse started with Western Electric in 1929 as an engineer.

He has a B.S. degree in mathematics and physics from North Central College, Naperville, Ill. Most of his career has been in manufacturing engineering with telephone switching apparatus and equipment. He came to Sandia Corporation in October, 1952, from the Hawthorne plant where he was employed for 23 years.

During World War II, Mr. Mehlhouse was involved in magnetron work at Eau Claire, Wis.

The ASTE dinner is scheduled for 7 p.m. and the meeting will begin at 8 p.m. Dinner reservations may be made with Paul Stewart, ext. 22135, before Wednesday, April 14.

Camera Fans Show Work at Coronado Club Next Month

The first annual Coronado Club photograph exhibit will be the week of May 2-8.

Non-competitive display is open to all employees and relatives of employees of Sandia Corporation, the AEC Sandia field office and personnel from Santa Fe Operations Office.

The maximum number of prints any exhibitor may enter is five.

The photographs may be in black and white, color or color-toned, and they should be mounted upon 16 by 20 inch vertical or horizontal mounting board.

Prints may be submitted at the Coronado Club office during the week preceding the exhibit.

All entrants are required to put their name, address and title on the back of the mounting. The name of the photographer and the title of the photograph may also appear on the face if so desired.

M. J. "Mike" Michnovicz, 2462, chairman of the photographic show, may be contacted for further information. He asks that no transparencies be submitted.



H. G. Mehlhouse

State Income Tax Deadline April 15

New Mexico state income tax returns must be filed with the Income Tax Division of the Bureau of Revenue* in Santa Fe on or before April 15.

Every resident individual in the state is required to make a return if his gross income for the calendar year 1953 from all sources amounts to \$1,500 or more if single, or a combined income of \$2,500 or more if married.

The tax may be paid in full at the time of making the return or may be paid in quarterly installments, the first quarter being due at the time of filing the return.

★ Mumps Come in Threes With a New Baby Too

Three cases of mumps in the Phil Nicovich family didn't deter them from welcoming a little newcomer on March 20.

Phil caught the mumps from 6-year-old Marilyn. His wife presented him with son Jon, then promptly came down with mumps herself.

So far the only member to escape is baby Jon. The medics think he may be immune.

Voters Elect Sandian To City Commission

Richard A. Bice, manager of Sandia Corporation's Engineering Department F, was elected to the Albuquerque City Commission in the April 6 election.

A member of a three-man Citizens' Committee ticket, Mr. Bice, along with his running-mates, Maurice Sanchez and Lars Halama, received a sizeable plurality of the more than 25,000 votes cast in the election.

Red Cross Drive Still Goes On

Red Cross officials announced last week that the fund-raising campaign has fallen far short of the original goal and that the drive will continue in an effort to raise the full amount.

Although the collection boxes have been removed from the tech area gates, and the contents turned over to the Red Cross, employees who have not yet contributed may send their contributions to the Red Cross office downtown, 103½ Central Ave. NW, or leave the envelopes at the Employee Services office, Bldg. 301.

A goal of \$68,000 was set by the Bernalillo County chapter and the results so far have been very disappointing, according to volunteer workers. Red Cross officials say it will be difficult to continue the many services furnished by the organization unless citizens respond to the extended campaign.

Election Calendar

(Clip and save for future reference)

April 19

County Commissioners appoint Primary Election officials and publish their Primary Proclamation.

May 4

Primary Election.

October 4

Last day for changing party affiliation prior to General Election. Registration for General Election closes at 5 p.m.

October 18

General Election proclamation published.

November 2

General Election.

Radiation Does Work of Light In Exposing Film

Here it is—pegmatite (uranium ore) at work.

The accompanying picture was exposed by placing radioactive ore on

photographic film in a holder for 40 hours. William B. Leslie, 1524-1, performed the experiment with ore owned by Robert S. Lemm, 2352. Bob reports the ore is from the Great Slave Lake area in Canada and was mined about 1939 for its radium content.

The highly visible marks on the film are from pitchblend in the ore and the lesser obvious marks are from uraninite.

The experiment may be done easily by using dental X-ray film which is enclosed in an envelope. Place the ore in an envelope and wait about the same length of time. Before the days of Geiger counters Bob used this method in his prospecting forays.



BIRTH OF MIKE—A thermonuclear device exploded at the AEC's Pacific Proving Grounds in the fall of 1952 caused the greatest destructive effects ever noted from a single explosive device. This photograph and others (see Page 3) have been released by the Federal Civil Defense Administration because, as President Eisenhower has said, "If the peoples of the world are to conduct an intelligent search for peace, they must be armed with the significant facts of today's existence."

New Manager of Coronado Club Expected to Arrive Next Week

John S. Taylor, new manager of the Coronado Club, will arrive in Albuquerque next week to take up his new duties. Shortly after his arrival Roger Almond, manager of the Club and Corporation restaurant for the past 2½ years, will leave for southern California to take a new assignment with the Anderson-Dunham Company.

For the past three years Mr. Taylor has been manager of the Tennis Club, Palm Springs, Calif., during the winter months, and manager of the Del Mar Hotel restaurant and bar during the summer season.

Worked in California

During the period 1940-48 he was employed by the Hollywood Restaurant Corporation, which operated a chain of restaurants, serving as secretary-treasurer. In 1948 he became general manager and when the corporation was dissolved a year later he was employed by the Beverly Hills Hotel.

Before joining Anderson-Dunham Company three years ago he spent a year as manager of the House of Murphy, well known Beverly Hills restaurant.

Visits Here

During a brief visit to Sandia last week Mr. Taylor inspected the Club and expressed enthusiasm for his new assignment. Accompanying him on the visit were Sam and Bill Dunham, brothers and associates in the catering firm which has operated the Club since it was opened in June, 1950.

Mr. Taylor, who is married and has two children, comes to Sandia highly recommended. He has been in complete charge of the Tennis Club, catering to the select clientele of that resort area, arranging food service, private parties, special functions, and all administrative matters.

Antiques in Modern Decorating to Be Discussed at Club

"Antiques in Modern Decorating" will be the topic of discussion at the April 14 meeting of the Arts and Antiques Club, to be held at the residence of Hugh B. McGill, 737 Wellesley Dr. NE, 8 p.m.

Principal speaker will be J. Philip Shamberger, owner of the Decorating firm of "Shamberger's" in Albuquerque.

Those interested in attending the meeting should contact Joe Heaston, ext. 37264, or Lee Deeter, ext. 28152, Sandia Corporation.

B. L. Basore Speaks To National IRE Conference in East

Bennett L. Basore, 5411, gave a paper on information theory at the recent national convention of the Institute of Radio Engineers in New York City.

His title was "Threshold Detection."

Among other Sandians attending the meetings were Corporation President James W. McRae; Tom F. Marker, 5420; Ted S. Church, 5410-A; H. H. Patterson, 5410-B; Gordon R. Bachand, 5421.

Also Robert B. Wilds, 5421-2; Tom G. Banks, 5423-1; Norman J. Elliott, 5414-1; William R. Starrett, 5415-1; A. David Middleton, 5312-2; Frank A. Goss, 5331-1; Cedric H. Senter, 2122; W. R. Finley, 5433-1; Gene Newlin, 6010.

ASM Members Meet At Los Alamos for April 15 Program

"Low Temperature Properties of Stainless Steels" will be discussed April 15 at Los Alamos by M. C. Smith before the Los Alamos-Albuquerque chapter of the American Society for Metals.

Mr. Smith, a faculty member from the Colorado School of Mines, will speak at 8:15 p.m. in the Little Theatre at Los Alamos.

Preceding his talk members of the chapter and their guests will have dinner at the Lodge in Los Alamos.

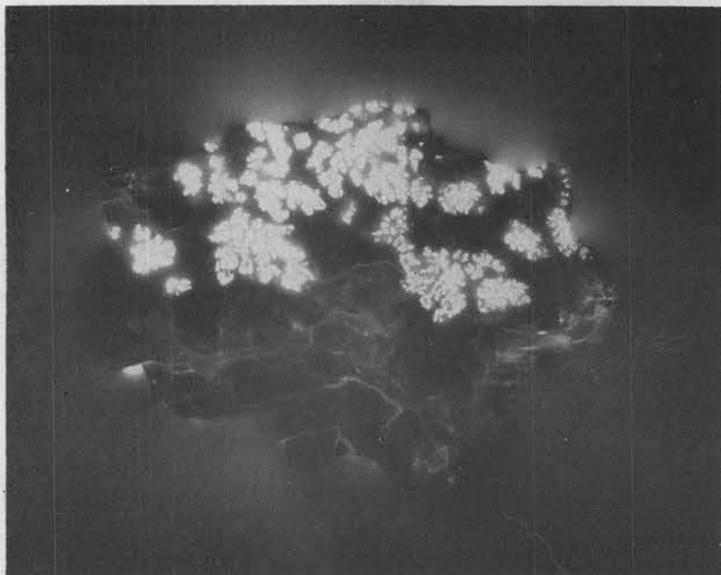
The meeting is of interest to metallurgists and development engineers and all persons interested in metals are invited to attend. Clearance will be required to enter Los Alamos.

Doug Ballard, ext. 31240, is in charge of reservations for Albuquerqueans who will attend the meeting.

Audio Groups Elect Officers for 1954

New officers of the Albuquerque Audio Association and the IRE Group on Audio were elected last month.

Don Couden, 5423-1, was elected chairman of the group. Other officers are Hoyt Westcott, program director; Chester Morterud, 2552-1, co-program director, and Gordon Bachand, 5421, secretary and treasurer.



RADIATION AT WORK—Pegmatite ore placed on a loaded film holder produced this spectacular exposure after 40 hours. The bright spots are from pitchblend radiation and the dimmer lines were made by uraninite. See the accompanying story.

SANDIA LAB NEWS

Friday, April 9, 1954

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

Editor, Robert S. Gillespie
Assistant Editor, Maxine Ethridge

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Telephones: Sandia Base Extension 25253 or 26135



Ours Is a Grave Responsibility

In the past few years we have in this column frequently pleaded the cause of security. At times, in our search for words to expound the gravity of continuous security efforts, one could think that "All that can be said, has already been said."

Even though there is never a loss of words when the need for loyalty, integrity and caution is discussed we'd like to repeat a few of the statements we have made.

Here are a few of the observations contained in our security comments of the past:

"Good security becomes a habit with good citizens. It is never forgotten."

"This story (Fuchs, Gold, Greenglass treachery) impresses on us that we cannot leave the job of security completely to the men dealing directly with it — it is a job for all of us all of the time."

"Security is a state of mind . . . found in every loyal American . . ."

"If we cannot properly safeguard classified information entrusted to us we should not assume that responsibility or the job which goes with it. The safety of our program is much more important than the job of an undependable person."

"Secrets can be lost as easily through carelessness as they can through conniving."

"Success of security cannot be taken as a matter of course."

"Each Sandia employee is a vital link in the chain of security."

"The Espionage and Internal Security Act provides penalties for disclosure of this type (classified information) ranging from \$10,000 fine to 30 years in prison or punishment by death."

"Sandia Corporation employees can do much to help the Plant Security Department fulfill its mission."

"But this is no time for lectures."

And that is true enough—this is no time for lectures. Ours is a grave responsibility, calling for action, not words.



Weatherman?

Here's how to tell the upcoming weather, so they say:

It will rain if cows scratch their ears.

It will snow if turkeys refuse to come out of the trees.

It will storm if cats snore and sleep with their mouths turned up.

It will be cold if there are a lot of comets.

It will be fair if crows fly in pairs.

This bit of wisdom comes from "The Singing Tire," of Shirks Motor Express Corp.

Proper Destination

The pictured pup knew where he was going. On a recent wet, cold morning he showed up at Employee



Services lost and found counter. He visited for several hours then was turned over to the Sandia

Returning from El Paso where they had entered their prize poodles in a dog show, Sally Kinne, 4131, and her husband hit one of the worst "dusters" in years. The flying sand penetrated their auto, damaging the motor, and pitted the outside of the car which now requires a new paint job. Only good thing from the trip, says Sally, was the honor won by her poodle, "Ami."

Base veterinarian for safekeeping. Later "Peanuts" was claimed by a Sandia Base airman and his happy daughter.

The Real Thing

Elliott Harris, 2462; Dale Brautigam, 2611-1; Don Schrader, 2235, and Art Perry, 2462, were scheduled to attend a CAP rescue school in California on a recent weekend. The Air Force had to call off the practice rescue because the March Field airmen who were to stage the simulated rescue were very busy with the real thing—searching for a plane down in the mountains.

They Found What?

Two Sandians who wish to remain anonymous were prospecting for uranium and found what they consider a good deposit of silver ore. It is now being assayed.

It's "Cunnel," Suh!

Sandia Corporation's Safety Director, A. Burton Metzger, has been appointed colonel, aide-de-camp, on the staff of New Mexico Governor Edwin L. Mechem. Col. Metzger's duties have not been announced.

Members of 2334 have been entertaining out-of-state visitors the past few weeks. L. E. Sedore has had guests from Michigan, Bill Meyers is enjoying a visit from his mother-in-law who lives in Norwich, N. Y., and Wendell Eskridge has his mother and daughter visiting him from Evansville, Ind. Wendell and his family drove to Tucson last weekend to visit another daughter.

Mae Johnson, 2561-1, flew to San Francisco recently to vacation with her parents.

A vacation jaunt to Illinois, Indiana and Maine was enjoyed last month by Irene Berger, 2561, and her husband, John, 2452.

Myron Gaulke, 2561-3, was called to Wisconsin last week to attend the funeral of an uncle.

March 8 and 9 found the Stan McCammon family enjoying the 80-degree temperature of Phoenix. While there they attended two major league baseball exhibitions. Stan works in 2560.



FRANK MEANS' co-workers in AEC helped him celebrate his April 1st birthday in grand style. They had a surprise cake at his desk that day and asked Mrs. Means out to sample it. Above she's giving the guest of honor the first taste. That evening Geneva Bishop, AEC, entertained the Means at dinner and later in the evening AEC employees gathered at the Means' new home for further celebration. High-lights were plenty of April Fool" birthday gifts for the celebrant.

Marrian Solaman, 5241-3, spent a recent weekend visiting her parents and sister in Denver and sightseeing in the Mile High city.

Tillie Wheeler, 2461-3, has returned to her desk in Building 880 after a two-week absence due to illness.

Veda June Groves, 2461-3, has returned from a trip to the west coast, accompanied by her cousin. They visited in Los Angeles and San Francisco and toured several Hollywood studios.

Agnes Van Brocklin, 2461-3, has been hospitalized at Bataan for the past week. Her co-workers at the Laboratory send her their best wishes for a fast recovery.

Margaret and E. L. Gunderson, 2331, are spending a week's vacation at their new home, 2821 La Veta Dr., NE, where they moved recently. Margaret is in 2450.

Don Pitts, 2552-2, and Gil Wallace, 2532-2, went to Roswell last weekend to participate in the Parade of Quartets. Don and Gil belong to the Lads of Enchantment.

W. H. Allen, 2552-2, and family returned recently from a three-week vacation traveling through 16 states on the way to visit in Pennsylvania and Georgia. While in the East they spent a day touring Washington, D.C.

John Babyak, 2531-1, and George Tays, 2553-4, attended the T or C Fiesta last weekend.

Fellow workers in 1283 wish a speedy recovery for George Kloepfer who's been hospitalized the past few weeks.

Richard Kidd, 1283, is enjoying a two-week vacation, highlighted by a golf tournament at Tucson, Ariz.

Helen Gelwicks is visiting her mother and relatives in Harrisburg, Pa., while on a three-week vacation from her job with AEC.

John Magistad's daughter, Jill, fell out of bed last week, breaking her collar bone. John, 5131-1, reports she is on the mend but sporting a sling and cast which slows down her normal three-year-old activity.

George Hauquitz, AEC, is moving this week into his new home at 9808 Claremont NE.

His fellow employees extended "Happy Birthday" wishes April 2 to Ray Lucero, 2472-2.

Proud grandparents for the second time are Gerry Hahn, 2410, and Harry L. Hahn, 2152-2, who welcomed an 8-pound boy, Ronald Charles, into the family March 26. The grandchild was born to their son, Roger, and his wife.

Joanne Boyd, 2152, returned last week from a vacation in San Diego where she visited Connie Park, a Corporation employee until recently.

Margaret Freed, 2111, and Priscilla Willner, 2112, were honored by their co-workers at a surprise stork shower at the home of Frances Gross on March 26.

Robert Spence held a reception March 28 at his home for members of 5221 to welcome them to his new residence and to honor friends who are moving to the East.

H. P. Kelsey, 1512, became a grandfather for the first time on April 1. A daughter, Robin Louise, was born to his son, Turk, and his wife.

Max Littleton, 1513, will be married April 11 to Janet Beran of Lexington, Nebr. The ceremony will be in Seaton Memorial Chapel at Hastings College, Hastings, Nebr. Both Max and his fiancée are graduates of the University of Nebraska. The couple will make their home in Albuquerque.

E. H. Morterud, 1513, returned last week after recuperating from an auto accident.



TWO cute reasons why Bernita Strawn, 4131, hurries home at night—Pat and Mike, age 2½ and 3½.

Vacationing for a week to work on his yard was 1932's Nick Perea. LeRoy Paulson, also 1932, took a week's vacation to redecorate his house in preparation to welcome his wife and new baby home from the hospital.

Gene Ramdin, 4153-2, is wished a fast recovery by his friends at the Laboratory. Gene was hospitalized last week.



JOHN FACKELMAN, 2411-2, says these are his four "live wires" at the family home, 417 General Patch NE. In back are Tom, 9, and John, 11, and front, Mary Pat, 3, and Bob, 6.

Their fellow employees in 2232 wish a speedy recovery for Al Vinsant who was injured recently and John Apodaca who has been hospitalized for some time.

Ellen Roop, 2231, is entertaining her father, daughter and three grandchildren who are visiting from Michigan.

Shirley Stokes, 3161, is away from her job in the medical building to recover from a siege of measles.

Jimmie Hayes, 2461-3, and his wife, Mary Beth, 2461, have moved into their new home on Britt Avenue in the Snow Addition.



GIVING "baby" a sunbath is Dolores Osbourne's little daughter, Karen Sue. Dolores is in 1922-2.

Sten Persson, 5424-2, is again a grandfather. His daughter, Mrs. Dolores Ladd, became a mother March 29. His other grandchild was born in Tokyo last winter.

A new Buick was driven home by Clayton Blackwell, 2332, recently. It's a red and black Riviera.

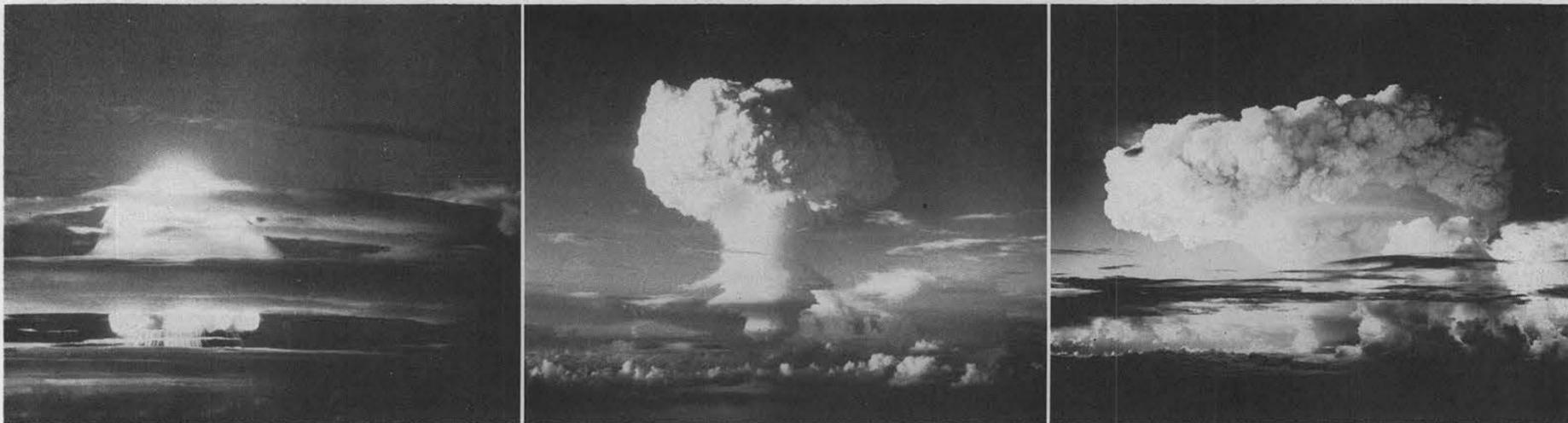
A visit to Wichita, Kans., and Raton, N.M., was on the vacation agenda for R. K. Leahy, 2332, recently.

Chuck Rood, 2332, reports his son is recovering "just fine" after two trips to the hospital.

On March 27 Jack Lohse, 5142-2, Mrs. Lohse, and Kerner Kersten, 1713, flew their planes to Socorro and spent the morning taking members of the Boys Club, their families, and several of the boys' teachers for interesting flights over that New Mexico city.

Marcel Weinreich, 1922-1, returned last month from a plane trip to New York City where he vacationed with his family.

Harvey Richard, 4153-2, and his wife spent a week vacationing in sunny Phoenix recently.



BIG "MIKE" SPEAKS—These pictures show the cloud formation which followed the detonation of the experimental thermonuclear or "hydrogen" device at the AEC Proving Grounds in the Marshall Islands in the Fall of 1952. The photographs were taken by the U. S. Air Force from the height of approximately 12,000 feet, 50 miles from the detonation site. Two minutes after zero hour the cloud rose to 40,000 feet—the height of 32 Empire State Buildings. Ten minutes later, as the cloud neared its maximum height, the stem had pushed upward about 25 miles and spread out for 100 miles. The experiment took place under the

code name of Operation Ivy and was conducted by Joint Task Force 132 for the Atomic Energy Commission and the Department of Defense. The detonation of MIKE, the code-named thermonuclear device, caused the greatest destructive effects ever noted to that date from a single explosive device. The test island, an atoll named Elugelab, completely disappeared. The resulting nuclear "fireball" was the largest ever produced. Joint Task Force 132 was commanded by Major General Percy W. Clarkson and Alvin C. Graves, of the AEC's Los Alamos Laboratory, was scientific deputy to the joint task force commander.

It's time for thought,
Shopping then action in

Buying a New Car

Buying a new car is a thrill. Buying a new car is an important business transaction. Steve Gambrell and his wife, Helen, went shopping for a new car several weeks ago. Steve, who works for Sandia Corporation in 4135, Vouchering Division, and Helen found it was an experience we'd almost all enjoy—choosing a new 1954 automobile.

Their new automobile is a light green sedan and within 10 days they had several hundred miles on the speedometer. The enjoyment of the new car has been complete for the Gambrells' purchase was made convenient and economical through the help of the Sandia Laboratory Federal Credit Union.

They discussed pros and cons of many makes and models; and they investigated several various methods of purchasing a car. After their trying and comparing, and after family conferences they reached their decision and closed the deal.



Business matters in the purchase of a new car are discussed with Evelyn Hughey, 3122, assistant treasurer of the Sandia Laboratory Federal Credit Union.



"What Car?" is the question Steve and Helen must answer. Helen has found her choice and her husband agrees.

Photos by Laskar



Comparisons of ways to buy the car are discussed over a Saturday morning coffee downtown. We'll do it with the Credit Union, they decide.



"IT'S OURS," and Salesman Matt Tartaglia bids them goodbye. Steve has found it's good business to buy a car with the help of the Sandia Credit Union. It must be a good idea—more than 135 people have bought new cars the same way.

Here Are the Facts On Credit Union Automobile Loans

NEW CARS

The interest rate charged on the loans to purchase new cars is .8 of 1 per cent of the unpaid balance per month. The Credit Union will loan up to two-thirds of the total price of the car. Maximum loan period is for 24 months. The purchaser provides his own insurance with a loss-payable clause made in favor of the Sandia Laboratory Federal Credit Union.

For example, if you borrow \$1,500 for 24 months you are charged the interest rate of .8 of 1 per cent per month on the unpaid balance which means for 23 months you pay \$69 each month and on the 24th month your final payment is about \$59. And you use the convenient easy payroll deduction plan.

USED CARS

Cars of 1950 model and later will be financed until Dec. 31, 1954. Interest rate is .8 of 1 per cent of the unpaid balance on 1952, 1953, and 1954 models, 1 per cent on 1950 and 1951 models. After December 31, 1954, the earliest model financed will be 1951 and the interest rate on 1952 model will be increased to 1 per cent. The Credit Union will finance the amount shown in the loan guide for a period of 24 months. The purchaser provides insurance with a loss-payable clause in favor of the Credit Union.

Congratulations

- BORN TO:**
Mr. and Mrs. J. D. Shreve, Jr., 5112, a daughter, Amy Joardythe, March 18.
- Mr. and Mrs. Dwight J. Chenoweth, 2443, a son, Paul Edward, March 20.
- Mr. and Mrs. George H. Duke, 1262, a daughter, Jean Marie, March 18.
- Mr. and Mrs. L. J. Witt, 5231, a daughter, Patricia Ann, March 25.
- Mr. and Mrs. N. A. Littrell, 5233, a son, David Norman, March 25.
- Mr. and Mrs. H. E. Bell, 5231, a son, Donald Norman, March 8.
- Mr. and Mrs. Kenneth Sutton, 3232, a daughter, Dianne, March 25.
- Mr. and Mrs. Garrett N. Vick, 5242-1, a daughter, Sylvia Ann, March 30.
- Mr. and Mrs. Walter Haskall, 5140, a daughter, Barbara Joyce, March 26.
- Mr. and Mrs. James R. Reed, 5423, a daughter, March 30.
- Mr. and Mrs. David Kosanda, 1281, a son, Thomas William, March 19.
- Mr. and Mrs. H. E. Thierman, 1643, a daughter, Nancy Jean, March 23.
- Mr. and Mrs. Phil Nicovich, 1643, a son, Jon, March 20.
- Mr. and Mrs. A. W. Porter, 2112, a daughter, Sheri Dawn, March 9.
- Mr. and Mrs. L. G. Wilson, 1513, a son, Keith, March 29.
- Mr. and Mrs. Ray Henderson, 1632, a son, Lance, March 30.

Welcome! Newcomers

A welcome is extended to the following newcomers who joined Sandia Corporation between March 19 and March 31:

John C. Zimmerman	1264
John A. Heagy, Jr.	1612
Patricia A. Miller	1622
Eugene W. Boettcher	1641
Vonna J. Burroughs	1641
Robert D. Charlton	1641
Carol E. Cowan	1641
James H. Adamsbeck	1643
Frank R. Emig	1643
Ernest E. North	1643
Florence P. Lenz	2111
Harlow Beene	2122
John C. Klimka	2151
Lester H. Reasner	2151
Kyle B. Williams	2151
Maxine M. Shoemaker	2221
Jane L. McCay	2222
Louise A. Lewis	2224
Ruby H. Sandberg	2362
Denver B. Thompson	2414
Manuel Silva	2419
Fidel B. Zamora	2419
Jess Denton	2452
Martha A. Gelt	2461
Alfred A. Luebbers	2461
Janice A. Lawrence	2464
Juanita M. Wise	2471
Irl V. Beall	2481
Norman G. Baker	2483
Ray C. Cooley	2483
Eugene W. Stemple	2483
Evelyn E. Anderson	2531
Nancy G. Russell	2552
Bobby Jo Padden	2553
Gertrude M. Stewart	3153
Janice E. Margard	4131
Barbara A. Franks	4222
Charlotte A. Pribnow	4222
Moye J. Wicks	5214

Sandia Base PTA Hears Discussion On Polio Vaccine

Election of officers and a special program on the coming Polio Inoculation plans for Bernalillo county are on the agenda for the April 12 meeting of the Parent-Teachers Association at Sandia Base School. The meeting will open at 7:30 p.m. in the school gym. Outgoing officers of the PTA include Bill McCord, 5310, president; Max Weber, 5132, vice president, and John Hess, 4152, treasurer.

Promotions

ALBERT D. FORD to section supervisor, 1941-1. Al joined Sandia Corporation in October, 1951, coming here from Westinghouse Electric Corp. in San Francisco. He was with Westinghouse for nine and a half years and when he left was assistant to the superintendent of the Pacific Coast steam division. He graduated from the University of New Mexico in 1942 with a Bachelor of Science degree in Mechanical Engineering.



BROOKS L. KING to sergeant, 2452. Employed by Sandia in March, 1952, Brooks came here from an Albuquerque grocery firm which he had managed for six years. Prior to this he was a representative for Standard Oil Company in New Mexico for 10 years. Brooks came to this state from Texas in 1931 and lived in Portales until he moved to Albuquerque in 1946.



NOEL O. KENT to sergeant, 2452. Noel started work at Sandia Corporation in September, 1950. He came here from Pueblo, Colo., Ordnance Depot where he had worked two years with the security force. Prior to working in Pueblo he had been with Phillips Petroleum Co. in Hobbs, N. M. He served six years in the Navy as an aviation machinists mate during the war.



LAWRENCE E. COLSON to sergeant, 2452. Larry was employed by Sandia Corporation in March, 1951. Prior to coming to Sandia he worked in the office of the Checker Cab Co. in Albuquerque. Originally from Colorado, he came to Albuquerque after World War II. Larry served four years in the Air Corps during the war and saw service in the South Pacific area.



BARNEY J. HUSSEY to sergeant, 2452. A veteran of 25 years service with the U. S. Army in the infantry, Barney joined the Corporation in January, 1952. While in uniform he held every rank from private to lieutenant colonel and in World War II was combat liaison officer with Chaing Kai-Shek in China. Just prior to his move to Albuquerque when he accepted work at the Laboratory, Barney was an advisor to the army of South Korea. He has been posted at various army installations, mostly in the Orient.



Local ISA Announces Officer Nominations

Announcement was made last evening of the nominees selected for offices in the local chapter, Instrument Society of America, when the members held their regular meeting at the Coronado Club.

A. R. Charlton, 5224-2, and J. C. Cunningham, 5432-2, are nominated for president; J. M. Lohse, 2122-3, and Harold Paulson, secretary; and E. P. Brooks and R. P. Baker, 5432-2, treasurer.

Balloting will be by mail later in the month.

Sandian Director Of NM Engineers

Newly elected as the State Director of the Albuquerque Chapter, New Mexico Society of Professional Engineers, is A. Burton Metzger, 3170, the Laboratory's Safety Director.

The Sandian was chosen by the group which met March 31 at the University of New Mexico.

Mr. Metzger, who came to Sandia in December, 1950, previously held office with the Maryland Society of Professional Engineers and is a former National Committee Member of the National Society of Professional Engineers.

Before joining the Corporation here he was with Western Electric Company's Point Breeze Works in Baltimore.

Mr. Metzger recently presided at an emergency meeting called by Governor Mechem in the interest of traffic safety to help formulate plans in combatting the state's heavy traffic toll.

From California Salton Sea News

Mrs. Gertrude Wason, mother of Ray Wason, 5214, has returned to New York City where she will finish making arrangements to move. Her new home will be back here in the desert at Salton Sea where she has made many friends.

Mrs. T. A. Sprink returned to Salton Sea recently after being called to New Jersey where her father passed away.

Henry B. Jones, 2452, has been in the Palm Springs Community Hospital. His co-workers wish him a speedy recovery and a speedy return to Salton Sea main gate.

John Keller, 5214, has been visited by his mother and sister from Denver. They enjoyed the sunshine and flowers of the area—quite a contrast to Denver.

B. L. Workman, 2483-2, and his son, Jay, have moved onto the Base from Brawley, Calif.

James A. Culver, 2482, answered a telephone call a recent Sunday morning and it was a radio quiz program. Jim's answer was correct and he now has 100 gallons of gasoline, free, for his car.

More news from Rodney Post, 5414, from the Los Amigos Polio Hospital at Hondo, Calif. He now can leave the hospital for as long as four hours at a time with the aid of a portable respirator.

Geologist to Tell Collectors of Interesting Minerals in Northwest

Dr. John Eliot Allen, economic geologist, New Mexico Bureau of Mines and Mineral Resources, will



Dr. John E. Allen

be the main speaker at the April 12 meeting of the Albuquerque Gem and Mineral Club.

He will speak on "Some Interest-



Photo by Laskar

THE NEW MANAGER of the Coronado Club, John S. Taylor (back row, center), met and visited with members of the club's board of directors when he came to Albuquerque last week. Pausing for this photograph during a conducted tour of the club were: (seated, l to r) Bill Dunham; Jim Harmeyer, 4151, treasurer; Al

Gruer, 5224, president, and Ted Sherwin, 3125; vice president; (standing) Gene Baker, 1931, secretary; Mr. Taylor, and Sam Dunham. The Dunham brothers are associates in the catering firm of Anderson and Dunham, Los Angeles, which has operated the restaurant and managed the Coronado Club since its opening.

FCC Gives Answer To Questions of Division Director

Members of the Sandia Base Radio Club will have an opportunity to hear the answers of a group of questions put to the Federal Communications Commission by Dave Middelton, 2334. He will report the results of a letter to the FCC at the club meeting April 12 at 8 p.m., Bldg. 364, Sandia Base.

Dave, who is director of the West Gulf Division of the American Radio Relay League, put the questions to William Grenfell, head of the amateur division of the FCC. They cover material which will help amateur radio operators better understand FCC policies.

Included are answers to questions concerning the effect FCC proposals will have on various types of amateur licenses. Also included are answers to queries about types of interference which hinder amateur operators.

The questions were submitted by Dave in behalf of the more than 3,000 members of the ARR in the West Gulf Division.

Ever Been to a Box Social? Here's Your Chance to Hark Back to 'Good Old Days'

A touch of Americana fast vanishing from the modern ballroom will be revived tomorrow night when the Coronado Club stages a Barn Dance and Box Lunch Social. Ladies will bring a box lunch for two and at intermission time (about 10:30 p.m.) numbers will be drawn to determine who gets which dainty delicacies.

There will be no trading of partners, only a swap of food, and no money will be involved.

To add to the rural decorations, the gaily wrapped boxes will be displayed on the bandstand before the drawing. The dance is not a square dance, but southwestern wear or other sports clothing will be appropriate. Music will be furnished by Doc Savage and his orchestra. Admission for members is the usual four bits.

Buffet Dinner

The treat of the month for gourmets will be the Sunday Buffet, April 11, and there are still plenty of good tables available. Mike Michnovicz and his popular MBC Trio will be on hand from 6 to 10 p.m. to provide background and dancing music. The dinner "hour" is from 5 to 7.

Square dancers are delighted with the good crowds they've been having lately, and a floor full of squares will be whooping it up tonight from 8:30 to 11:30. As usual, regular square dances are scheduled the second and fourth Fridays of the month, with music by the Duke City Cowboys.

More Instruction

Ballroom dance instruction, under the tutelage of Miss Glenna Wells.

UHF-TV Symposium At University Tonight

A review of the UHF-TV symposium that was a part of the recent Institute of Radio Engineers convention at New York City will be given tonight for members of the local professional group, Antennas and Propagation, IRE, at the University of New Mexico.

J. W. Herbstreit, chairman of the topospheric propagation research section with the National Bureau of Standards, Boulder, Colo., is the featured speaker. Mr. Herbstreit was a member of the UHF-TV panel at the IRE Convention.

The time is 8 p.m. in Room 122, Mitchell Hall at UNM.

will be offered a week from tonight, April 16. Another instruction session is scheduled for Sunday evening, April 25. That is also the date of the free cocktail party, for members only, from 3 to 5 p.m.

The second cribbage night program of the month is set for April 20, and an afternoon bridge and canasta party for ladies will be held April 21. Duplicate bridge players are still flocking to the regular Thursday evening sessions, ante-ing 40c per person for the prizes of the evening.

Professional IRE Group Announces Next Two Programs

The Professional Group on Electronic Computers, Institute of Radio Engineers, holds its regular meeting on the third Wednesday of each month in Room 111, Mitchell Hall, University of New Mexico. Dates, speakers and topics for the coming meetings are:

April 21: Karl E. Ball, 5120, General Purpose Digital Computers.

May 19: Julian E. Gross, 5413, Applications of Boolean Algebra to Circuit Design.

Interested members of the Institute are invited to join the group. Meetings are open to anyone interested, members and non-members.

Sympathy

Sympathy is extended to Elvina Strance, 4222 (5110), for the recent death of her father.

Her co-workers extend their sympathy to Cora Beckes, 2461-1, who returned recently from Canton, Ill., where she attended the funeral of her sister.

Sympathy is extended to the family of Purdy F. Meigs, 5132, for the death last week of Mrs. Meigs' father in Kansas.

Sympathy is extended to the Robert Wilds, 5421-2, for the loss of their 3-year-old son, Robert Jr., during an operation in Boston March 27. Burial was in Boston.

Sympathy is extended to Roger Rice, 2152, whose father died recently in Dallas, Tex.

Hilltoppers, Boilermakers Top Teams As Basketball Season Play Ends

The 1953-54 Sandia Employees basketball season went right down to the wire with the championships in both the "A" and "B" leagues undecided until the final week of play.

By the time the final whistles had blown, the Hilltoppers had captured the "B" league title with a close 27-24 decision over the Hawkeyes, and the Boilermakers took the "A" League championship for the second year in a row with a 43-29 victory over the Wildcats.

The Hilltoppers led by a wide margin during most of their contest with the Hawkeyes. The Hawkeyes, however, caught fire during the final period, and their 10 point splurge just fell short of tying the victors.

George Treadwell, captain of the Hilltoppers, paced his team to victory with five field goals and two free throws for a total of 12 points. Medina and McKim were the leading scorers for the vanquished Hawkeyes with seven markers apiece.

Steady playing on the part of the Boilermakers coupled with an off-night on the part of the Wildcats helped the Boilermakers gain an easy victory for their second straight title. Arnold Schucknecht, with 14 points, was the leading scorer for the winners. Jim Kelly led the Wildcats with 9 points.

Members of the "A" and "B" league championship teams will receive individual trophies.

FINAL STANDINGS

"A" LEAGUE			
Team	Won	Lost	
Boilermakers	14	2	
Hoosiers	13	3	
Wildcats	13	3	
Spartans	11	5	
Gophers	8	8	
Irish	7	9	

"B" LEAGUE			
Team	Won	Lost	
Hilltoppers	9	7	
Buckeyes	8	8	
Hawkeyes	6	10	
Illini	5	11	
Badgers	1	15	
Wolverines	1	15	

Tourney Champs Named in Employee Basketball League

The Boilermakers, Spartans, Wildcats and Hoosiers were still in the running as the second annual Sandia Employees basketball tournament moved into the semi-finals last Monday.

The single elimination tournament included all the teams in the two leagues of the Sandia Employees basketball association.

Scores of the games up to the semi-finals were:

First round: Irish 2, Hilltoppers 0 (forfeit); Illini 42, Badgers 15; Gophers 72, Wolverines 33; and Buckeyes 54, Hawkeyes 33. The Boilermakers, Spartans, Wildcats and Hoosiers, the only seeded teams in the tourney, drew first round byes.

Although the Illini defeated the Badgers 42-15, it was discovered after the game that the Illini had used an ineligible player. Consequently, according to the rules of the association, the Illini had to forfeit the game to the Badgers.

Quarter-final results: Spartans 2, Badgers 0 (forfeit); Boilermakers 49, Irish 35; Wildcats 73, Buckeyes 34; Hoosiers 62, Gophers 42.

Magnetic Recordings Program at Meeting of IRE, AAA Apr. 19

A program of "Magnetic Recording" will be presented to the IRE Audio Professional Group and the Albuquerque Audio Association at the next meeting April 19, at 8 p.m. Meeting at the Radiation Therapy Building of Lovelace Clinic, members will hear a tapescript presented by Marvin Camras, Armour Research Foundation of Illinois Institute of Technology.

Last Call Out For All Sandia Softball Players

Today is the deadline for submitting team rosters in the 1954 Sandia Employees softball leagues. Two leagues are being set up. One league will use a 12" ball and the other a 16" ball. A meeting of managers of teams in both leagues will be held the early part of next week. League play is expected to start on April 28.

Individuals not associated with any team but who would like to play in either league are asked to contact Dick Heim at Employee Services, ext. 29157. They will be placed on one of the teams as soon as possible.

Weddings and Engagements

Pat Callahan, 5131-1, will be married April 19 to Leonard Hitchcock, a student at the University of New Mexico. Pat and Leonard will go to Indianapolis, Ind., where the ceremony will be attended by members of their families. After their honeymoon, the couple will return to Albuquerque to reside at 125 Mesa SE. Leigh Hendricks, 5131, recently entertained 12 guests at a pre-nuptial shower for Pat.

couple will make their home after the wedding which is set for August 14, here.

April 24 is the wedding date chosen by Margaret Mann, 1263, and Reinhold Nagel of Albuquerque. The ceremony will be at Immaculate Conception Church in Seminole, Okla., Margaret's former home. Her fiancé, who is from Philadelphia, Pa., is employed by the U. S. Geological Survey in Albuquerque. After a wedding trip the couple will make their home here.

Loretta Nemes, 5140, and H. George Oltman, Jr., 5412, were married March 27 in Central Methodist Church. Matron of honor was Mrs. Carrie Pumphrey, whose husband, Bill Pumphrey, 1641, presented the bride in marriage. A reception followed the ceremony in LaCana Room at the Coronado Club and the couple left afterward for a three-week honeymoon in Mexico. Upon their return they'll be at home on Sandia Base, 3225 Apt. "Q" 34th Street.

Wearing a new engagement ring is 2462's Julia Olivas who was recently betrothed to Sam Stiefel, an employee of Civil Service at Kirtland Air Force Base. The couple is planning an early spring wedding.



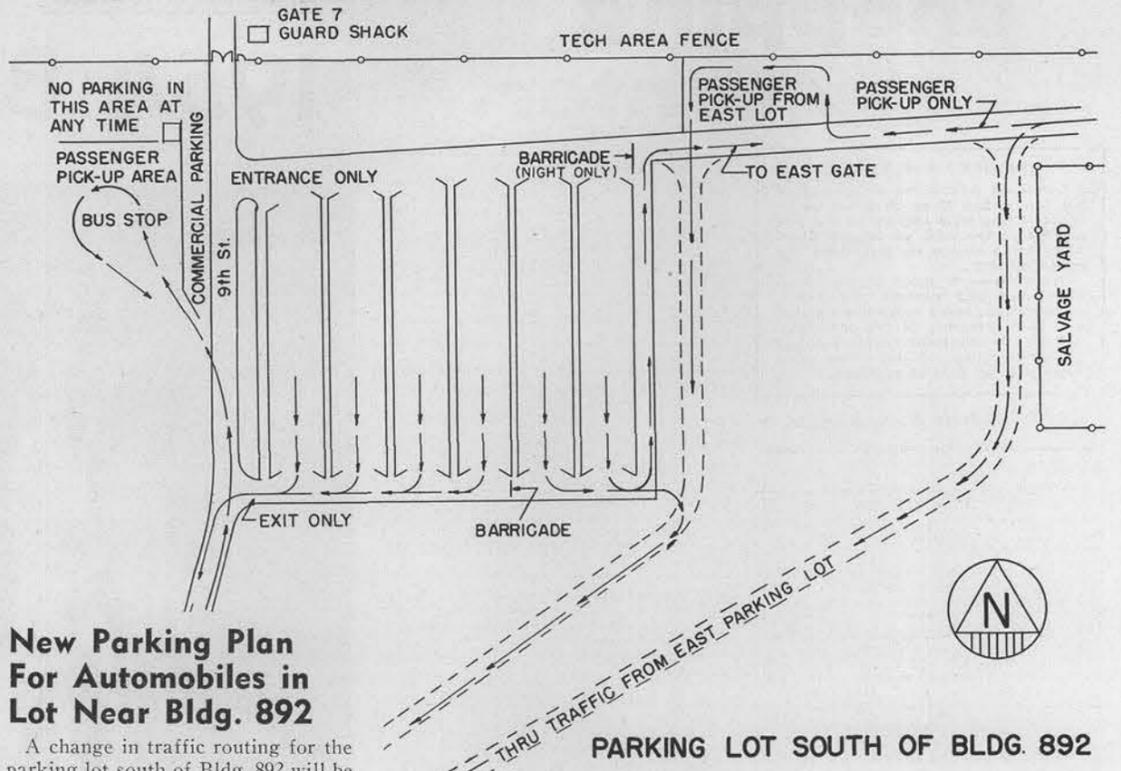
Miss Callahan



Miss Foster

Announcement was made recently of the approaching marriage of Mary Foster, 4222 (4131), and Lt. Robert L. York at a tea given by the mother of the bride-to-be, Ellen C. Foster, 2461-1. Mary, daughter of Leroy E. Foster, 2553-1, and sister of John M. Foster, 2533-2, joined Sandia Corporation in October, 1950. Lt. York will be discharged from service this spring and will join the DuPont company in Savannah, Ga., where the

892 Parking Lot Traffic Being Re-Routed



New Parking Plan For Automobiles in Lot Near Bldg. 892

A change in traffic routing for the parking lot south of Bldg. 892 will be placed into effect April 12.

The accompanying sketch, prepared by the Plant Engineering Department, shows how automobiles will be routed into and out of the lot. Traffic from east of the area will be diverted to the south to avoid congestion near the gate. Those drivers who use the lot are urged to study the drawing and cooperate in using the new pattern, leaving the lot by the south exit only.

A check of traffic under the old exit plan was made and it was found that all cars were out of the lot in eight minutes. The new method of control is expected to decrease this time.

Motorists are urged to be careful and courteous when leaving the lot to protect those who are walking to their cars. Pedestrians in the area are also urged to be cautious and not run through traffic lanes when proceeding to their parked cars.

Mechanical Engineers To Hear Talk About 'Production, Power'

Lewis K. Sillcox, national president of the American Society of Mechanical Engineers, will address the local chapter April 28 on production and power at the University of New Mexico. His subject title is "Rain or Ruin."

Mr. Sillcox, vice-chairman of the board of New York Air Brake Company, is one of the nation's foremost authorities on transportation and power. Among his successful projects during his long career in railroad industry has been sponsorship of development of several types of hydraulic pumps now employed in aircraft systems.

He is the recipient of many honorary degrees and engineering awards and has lectured at the foremost colleges in the country.

Golfers Again Name Chet Fornero Head Of Employee League

Chet Fornero, 1541, was elected for a third term as the General Chairman of the Sandia Employees Golf Association at the organizational meeting held March 29.

As in previous years, the golf league will be divided into two flights based on handicaps. At the present time 10 teams are entered in the league. Deadline for team entries will be April 15.

Various committees have been set up to help Chet Fornero in the operation of the league. Mel Snyder will be in charge of Schedules. Dick Kidd, Jim Kelly, and John Puhare will draw up the rules.

Bob Kelly, Bill Senn, and Wally Jungmeyer are members of the Handicap committee and Chet Fornero, Larry Smith and Robert Thomas comprise the Tournament committee.

League matches are scheduled to begin the week of April 26. All matches will be played on the University golf course.

IRE Information Theory Group to Meet Wednesday

B. L. Basore, 5411, will discuss the relation between Brillouin's work and that of Shannon, which is more familiar to the communications engineer, at the April 14 meeting of the Information Theory group, Institute of Radio Engineers.

The meeting will be held at 8 p.m. in Room 111, Mitchell Hall, at the University of New Mexico.

ASQC Members to See Films at Next Meeting

Two films will be featured at the April 14 meeting of the American Society for Quality Control at 8 p.m., Room 2, Mechanical Engineering Building at the University of New Mexico.

The nominating committee will present a slate of candidates for office in the local chapter at this meeting. Nominations from the floor will also be accepted.

39 AEC Surplus Gieger Counters Being Sold on Sealed Bid Basis

Two types of survey meters (Gieger counters) are being offered for sale as surplus material by the Sandia Corporation Reclamation Department. April 15, at 2 p.m., has been set as bid opening time on 17 gamma survey meters and 22 alpha survey meters.

Identified as Bid No. 3-54-259, the two lots will be sold to the highest bidders. Bids will be accepted on any quantity up to the total number available of each type. A 20 per cent deposit is required with each bid.

Weigh 11 Pounds

The gamma meters weigh 11 pounds and are easily adaptable to prospecting, reports R. S. Lemm of the Reclamation Department. By removing a small section of the bottom of the metal case this instrument becomes sensitive to both beta and gamma radiation. A little work with a soldering iron and a piece of coaxial cable will convert these instruments into external probe units which are ideal for field or lab work. These are not toys, and will be of interest chiefly to those who are seriously interested in prospecting with quality instruments.

The alpha meters weigh eight pounds and are not quite as adapt-

able to prospecting as they are designed to record only the presence of alpha particles. As alpha particles have a very short path in the air and are completely shielded by many natural substances, it is necessary to have this instrument in close contact with the radiating source in order to read the amount of radiation.

Without Accessories

These instruments are being sold by the Reclamation Department without accessories, but both batteries and head sets are readily available commercially. Instruction books come with most of the sets, many of which are unused and in their original cartons.

One gamma ray meter is on display in the salvage yard complete with batteries and head phones to demonstrate the use and operation of this meter. An ore sample has been loaned by Bob Lemm to show how the device responds to radioactive material.

Employees of the Atomic Energy Commission or its contractors may submit bids if they have not been connected with the sale of the material and if they are not buying it for resale.



Robert S. Lemm

Photo by Hodges

—demonstrates uranium prospectors friend—

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.

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 April 16

FOR SALE—

CHIHUAHUA PUPPIES \$35, ready for home in two weeks. Petrini, 208 Pueblo Solano Rd. NW, ext. 37235.

SEITZ coin cases, Whitman folders, proof sets, stamp albums, pages, etc. Groll, Alb. 5-9638.

ONE ACRE in valley, double garage, three room apartment, 20 x 28 shop, two 3-in. irrigation wells, off 6900 Fourth NW. Also broiler battery, 50 per week capacity, five deck with brooders. Hoff, Alb. 4-3685.

DIAL MASTER photographic enlarging easel, 14x17, \$8. New officer's AF blue garrison cap size 7 1/2, insignia \$4. Martin, Alb. 5-8030.

UNDERWOOD portable typewriter, with case \$50. G. E. iron with automatic controls \$8. Piper, ext. 21167 after working hours.

UNIVERSAL Marlboro gas range. Benton, 435 Lafayette Pl., NE, Alb. 5-4466.

BOOK OF Knowledge, latest edition \$65. Set of Lands and People \$15. Moffat, ext. 20173.

1949 CUSHMAN motor Scooter, windshield, new tires \$70. Dunn, 736 Indiana St., SE, Alb. 3-1138.

EIGHT place setting olden times Czechoslovakian china, also eight place setting Fostoria glassware \$20. Helm, Alb. 3-8809.

LATE 1952 Studebaker, Starlite 5-passenger coupe, 14,000 miles \$1300 Riekeman, Alb. 6-0001.

TWO BEDROOM home. Minter, 5420 Marble Ave., NE, Alb. 5-7680.

NATIONAL house trailer, 24 ft., electric brakes, sleeps 4, will finance. Also Westinghouse Rancho electric range \$100. Meahl, Marco Polo trailer lodge 8901 Central NE, Alb. 5-0950.

WESTINGHOUSE mahogany console radio and 3-speed record player \$100 or best offer. Magnuson, Alb. 6-5955.

GOLF CLUBS, registered pro model Kroyden, 8 irons, 4 woods. Joe Hickey, ext. 26149.

PHILCO refrigerator, 12 cu. ft., separate freezer compartment of 75 lb. capacity \$350, terms, 5-yr. warranty included. Weinberg, 2609 Wisconsin NE, Alb. 6-1834.

GULBRANSON Spinnet piano, mahogany \$395, living room set \$35, mahogany desk \$20, chrome dinette set \$40, GE refrigerator-freezer combination \$330. Sexton, Alb. 6-5424 after 5.

EICOR magnetic tape recorder, new, latest model, two speed duel track complete with microphone and tape \$100. Laney, Alb. 5-2057, 521 Arizona SE.

DISC RECORDER, Berkaw, complete with microphone and 78 rpm record player \$30. McDonald, 3607 Alta Monte, Alb. 4-3848.

WESTINGHOUSE Laundromat automatic washing machine, needs repairing, \$10. Henderson, 3094 36th Pl., Sandia Base, ext. 29290.

SET of bound National Geographic, 1916 through 1949, two sets American Flyers, passenger type. Keever, 1329 Wellsley Dr., NE, Alb. 5-1683.

1942 CHRYSLER Royal, Sun rebuilt motor and Atlas tires with 5000 miles \$225. Glaze, Alb. 6-4258 after 5:40 or anytime weekends.

WARDS REFRIGERATOR, 7-cu. ft. \$75. Johnson, ext. 25288.

OR TRADE, three suits, 100 per cent wool, 1 gabardine, 2 worsted, size 42R. Also a bassinet. Dixon, Alb. 4-5933.

BOY'S SUIT, size 4, tan, long and short pants, jacket, almost new, best offer. Flanagan, Alb. 6-0017.

NESCO electric roaster oven, automatic temperature and timing control (cost \$70 new) \$45, or \$10 off for quick sale. Weinreich, Alb. 2-1830.

RUG, 9 x 12, rose beige, Wilton twist \$50; also green and grey leaf pattern rug, 9x12 \$50. Howe, ext. 35237.

TWO PAIR blue floral drapes, new \$15; also chrome dinette set, table and 4 chairs \$20; four Firestone white side-wall tires 6:70-15, all for \$10. Pinkerton, Alb. 5-2505.

LEICA CAMERA, Elmar F 3.5 lens, case, sunshade, make offer. Spohr, Alb. 6-6306.

CUSHMAN motor scooter, only 8 months old, \$175. Gibbs, Alb. 5-2318.

1947 CROSLLEY with newly overhauled engine and transmission. Randle, Alb. 6-1747.

OR WILL TRADE: equity in '53 Buick Special, R and H, standard shift, less than 12,000 miles. Tackett, Alb. 6-7604.

PORTABLE evaporator room cooler \$50. Larson, ext. 28234.

OLD GUNS, model 73 Winchester and 45-70 Springfield, make offer; also Indian Scout motorcycle \$40; HO gauge model railroad, will sell set complete or separate items. Laskar, Alb. 3-1554.

MUST UNLOAD trees from my yard. Wisconsin Weeping Willows, 5 to 10 feet tall, \$3 and \$4. Wnuk, 1517 Yakima Road, Alb. 3-3838.

1936 BUICK, needs work on carburetor and valves, cheap. Case, 6614 Cochiti SE, Space 7.

CRAFTSMAN 6 1/2-inch electric hand saw with three extra blades \$35; new shotgun, single barrel, 16 gauge \$17.50; one acre building site, Tijeras Canyon, no down payment \$30 a month or make cash offer. Lane, ext. 37159.

16-INCH GREAT FALLS lawnmower \$8. Weisen, ext. 27153.

DIXIE GAS RANGE \$30; baby stroller \$7. Drummond, ext. 45272.

ROPER GAS RANGE \$75; wringer-type washing machine \$35. Jemison, 3088 38th Place, ext. 25267.

MAYTAG, deluxe gas range with large oven, dutch oven, broiler and surface deep well unit, 3 years old \$100, will sell on terms. Binder, 3156 44th Place, ext. 40272.

HOFFMANTOWN home, deluxe brick, pitched roof, 3 bedrooms, 1 1/4 baths, air conditioned, central heating, wall and paving paid, irrigation meter, 4% G. I. loan, \$11,900 total, terms to suit buyer. Meissner, Alb. 6-8095.

AIR COMPRESSOR, Craftsman, commercial type, sans motor, cost \$200, will sell for \$80. Lovato, Alb. 6-3882 after 5.

NEW S and W 38 special pistol \$50. Baca, Alb. 2-5955.

1942 BUICK two-door, clean, good motor \$100. Sanders, Alb. 2-6933.

THREE BEDROOM home, 1 1/2 baths, oak floors, wall and sprinkler system, 1400 sq. ft. floor space. Kindschi, 3820 La Hacienda NE.

ACREAGE, 1 1/4 acres, fertile land, off South Second St., unobstructed view of Sandias \$100 down \$25 per month. Ryan Alb. 2-3569.

GARDEN TRACTOR, Gravely, 5 HP with rotary plow and cultivator attachments. Smith Alb. 3-5701.

ELECTRIC DRILL or will trade for skill saw \$20. Benevidez, 440 Vermont NE.

OR WILL TRADE or rent: 3 bedroom, oak floors, 15 by 26 ft. living room, near base; also automatic 32 pistol for sale or trade. Flowers, Alb. 6-1656.

FLEXSTEEL Lawson sofa, 4 1/2 ft. long, tapestry covered \$85. Spiller, Alb. 6-7820.

TOP CARRIER for car \$9. Richardson, Alb. 5-1923.

KEMPER KIT aluminum factory-built sleeping trailer with innerspring mattress, insulated, re-inforced frame \$350. Duran, ext. 35248.

PATIO STONE, more than 250 sq. ft. \$35. Hawk, Alb. 6-6264, 1821 Florida St. NE.

ONE BEDROOM home, 2 blocks from school, completely fenced, 2946 Quincey St. NE, \$500 for equity, good rental property. Kavanaugh, Alb. 5-1135.

MAPLE dinette table and 6 chairs with non-matching walnut buffet, reasonable. Thorne, Alb. 5-4875.

FOR RENT—

FURNISHED room with private bath, kitchen privileges if desired, ride to Sandia Base available, prefer employed woman. McMillan, 1518 Katie NE, Snow Heights, Alb. 6-6570.

APARTMENTS at 4820-4824 Crest Ave., SE, stove, refrigerator, Venetian blinds, some drapes, garages, close to bases. Nott, Alb. 3-9145.

SMALL STUDIO apartment, auto transportation to base available, 817 Gold SW, Forsythe, Alb. 3-4741.

TWO APARTMENTS, one 3-room \$55, one 2-room \$48, furnished, downtown locations, 2 blocks from bus. Lopez, Alb. 2-5331.

TWO BEDROOM unfurnished home, close to base, 232 Gen. Chennault NE \$70. Fresquez, Alb. 6-3333 after 5.

WANTED—

RIDE from Coal and Buena Vista SE to south or east Tech Area gate. Janice Laurence, Alb. 2-0658.

RIDE from 800 Central SE to north or east Tech Area Gate. Anna Martinez, Alb. 3-2563.

TO RENT or care for small upright piano. Jones, Alb. 5-3390 after 5:30.

TO BUY man's English bike. Jones, Alb. 5-3390.

JOIN CAR POOL to Bldg. 802 from vicinity 3120 La Veta NE. Borbely, ext. 33256.

TO JOIN car pool from area east of Rio Grande Blvd. and north of Ind. Sch. Rd. to Tech area. Fife, 1921 Meadowview Drive, ext. 26156.

RIDE from 2934 Madison NE to Bldg. 880. Tillie Wheeler, ext. 31134.

RIDE from Vail and Carlisle SE to Bldg. 802. Evelyn Heefner, ext. 34133.

RIDERS, will pick up from 6200 Fourth St. NW anywhere east of Fourth and south of Menaul. Scharpen, ext. 26161.

MISCELLANEOUS—

CHILD CARE in my home near base. Mrs. Flowers, Alb. 6-1656.

Chess Evenings

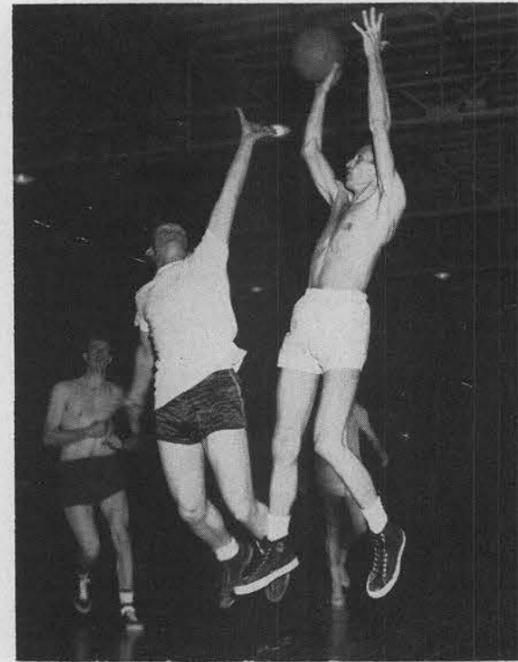
Sandia Lab chess fans will play each Monday evening in the Ballroom of the Coronado Club. Starting time is 7:30 and point ratings of all regular participants will be maintained.

Boilermakers-Wildcats play For first spot in A-League

1954 Basketball Champs



LOOSE BALL—Three hands reach for possession of the ball in the recent Boilermaker-Wildcats Sandia Employees championship game. Wally Jungmeyer, Boilermakers, and Paul Jennings, Wildcats, block Wildcat Roland Kurth from view. The Wildcats bowed to the Boilermakers 43-29.



BOILERMAKER CAPTAIN, Jim Lang, buckets two points for his team in the championship game with the Wildcats. Roland Kurth, Wildcat captain, leaps high to block the attempt while Al Schonberg, Boilermaker center, looks on. The Boilermakers won the game and the 1953-54 Sandia Employees basketball championship.



"A" LEAGUE CHAMPS—Members of the Boilermakers, champions for the second straight season of "A" League in the Sandia Employees Basketball Association, pose before their final league game of the season. Front row, L to R: Herb Dieterich, Jim Lang, Manager, Charlie Chavez, Joe Sheridan, and Ward Hunnicutt. Back row: Wally Jungmeyer, Al Schonberg, Arnold Schucknecht and Jay Davidson.



"A" LEAGUE RUNNERS-UP—The Wildcats, tied for second place with the Hoosiers, pose before their final league game in which they made a bid for the championship. They were beaten by the Boilermakers 43-29. Front row, L to R: Jim Kelly, Bob Crabb, and Harold Thomas. Second row: Nick Pavletich, Bob Mikkelson, Paul Jennings and Roland Kurth, Manager. Their season record: 13 won, 3 lost.

Photos by Hodges