

Sandia LAB NEWS



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

Vol. 7, No. 10

ALBUQUERQUE, NEW MEXICO

MAY 20, 1955

Service Recognition Plan For Employees Is Announced

Employees Invited To Make Entries In Emblem Contest

Recognition for employees with long service will take the form of service recognition pins when a plan adopted by Sandia Corporation goes into effect in the near future.

More than 1,000 employees of Sandia Corporation will be eligible for 5-year-service pins and a dozen employees have been with the project over 10 years. An additional 3,000 employees who have more than two years' service, but less than five, will be eligible for service certificates.

A feature of the service recognition plan is a contest among Corporation employees to select the design to be used on the service recognition pin. All employees are eligible and entries need not be in finished or artistic form. The idea is what counts, but the suggested design must be simple enough to lend itself to use as a lapel pin or button.

Employees submitting entries should bear in mind that Sandia's part in the weapons program is not directly connected with nuclear phases and therefore variations of the atomic nucleus design, such as

the one used in the AEC seal, will probably not be suitable. The design need not be representative of technical activity and employees should avoid using any design which might be classified.

Closing date for contest entries will be June 24. An employee committee will scan the entries and select several of the best designs. After the Technical Art Division has prepared final art work on these entries, they will be reproduced in the Sandia Lab News and employees will have a chance to vote on the emblem of their choice. Contest winner will receive U. S. Savings Bonds with a maturity value of \$75.

The service recognition plan calls for the presentation of a certificate at the end of two years' service, at which time employees become eligible for coverage under the group life insurance plan. At five years they will receive a lapel button or pin. At 10 and 15 years employees will be awarded a new emblem and will be offered a choice of jewelry on which it may be mounted.

Contest rules are as follows:

1. Entries must be prepared and submitted as a sketch in enlarged form on 8 1/2 x 11" paper.
2. Copyrighted trademarks of other

companies or organizations should not be imitated.

3. The design must be simple enough that it will be a recognizable and distinctive emblem when reduced to lapel button size.
4. The design should include some provision for indicating length of service in multiples of five years.
5. Entries must be submitted no later than June 24 to the Public Relations Division, 3125, Bldg. 829, in sealed envelopes which will be opened only by the judging committee. The envelope containing the sketch should be enclosed in another envelope showing the entrant's name and organization as a return address. This will insure impartiality in judging, as the names of finalists will not be known until after a selection is made.
6. Only Sandia Corporation employees are eligible to participate.
7. The Corporation reserves the right to modify the winning entry as desired, or to reject all entries if the judges rule that a suitable design has not been submitted.



Photo by Laskar

WHAT WILL IT BE? William E. Caldes, the Sandia Corporation employee with the oldest effective service date, gets his "service pin" from Myrtle Brown, 3160. It's only a gag, but some hard working Sandia Corporation employee will win \$75 in U. S. Savings Bonds for suggesting the accepted design for the new pins. See accompanying story.

Bob Betz Becomes Patent Attorney

Bob Betz, 6010, has been notified by the U. S. Patent Office, Washington, D. C., that he successfully passed an examination last August and is now a registered patent attorney.

Bob joined Sandia Corporation's patent department in January, 1953, after service with the Air Force. Prior to accepting employment here he was assigned to the Base Legal Office on Sandia Base.

Bob was graduated in 1943 from Harvard University with a B.S. degree in engineering. Following four years' service in the Air Force he entered the University of Missouri Law School where he received his LLB degree in 1950. His recall to active military duty came later that year. He is a member of the State Bar of Missouri.

J. W. McRae to Be Session Chairman at Electronic Conference

James W. McRae, President of Sandia Corporation, will act as chairman of a session on "Transistor Reliability and New Semi-Conductor Devices" at the 6th Annual Electronic Components Conference in Los Angeles, May 26 and 27.

The conference is jointly sponsored by the American Institute of Electrical Engineers, the Institute of Radio Engineers, the Radio-Television Manufacturers Association, and the West Coast Electronics Manufacturers Association.

Mr. McRae, a member of the Conference Advisory Board, will attend the session at the West Coast meeting in company with two Sandians: Rudy Frantik, 5131, and Al Hurford, 5512, both of whom will read technical papers.

Ordnance Ass'n to Have Dinner Meeting

An informal dinner meeting for American Ordnance Association members and their wives will be held June 2 at the Kirtland Officers' Club, at 7 p.m.

A brief report by Albuquerque chapter representatives who attended the annual meeting in San Francisco will be given.

Reservations may be made by calling Larry Snodgrass, Alb. 6-4072, or W. W. Juvenal, 6013 Hannett NE.

Bob Kindley Authors Another Article for Hobbyist Magazine

"Guns" magazine will again feature an article by Bob Kindley, 1284, who has authored several stories for the hobbyists' publication.

Bob's latest article is about Albuquerque Gunsmith Dick Hicks whose wife, Shirley, works in 1925.

Photographer Dean Heath, 5211, takes the pictures which accompany Bob's stories.

State ARRL Members Elect E. H. Morterud N.M. Section Manager

Einar H. Morterud, electronic technician in 5523, was recently elected to a two-year term as Section Communications Manager of the American Radio Relay League by its members in New Mexico. He will head amateur radio matters in this area.

"Mort" has been at Sandia six years, and in addition to his amateur radio interests is active in the Civil Air Patrol. He is Wing Communications Engineering Officer of the state.

Last winter Mort compiled a procedure manual covering Communications Standard Operating Instructions for the New Mexico Wing of the CAP. The manual will be reviewed at the board of directors conclave at Colorado Springs in June, and will be issued as a regional procedure manual.

Toastmaster Officer

At the District 23 Toastmaster Conference and Speech Contest held May 7 in Santa Fe, Lee Deeter, 1340, was elected one of the two lieutenant governors for the district.

Sandia Corporation Subject of Article In May 'Sun Trails'

The May issue of "Sun Trails" magazine which is on the newsstands this week features an article about Sandia Corporation by Albuquerque freelance writer, Arch Napier.

The story is entitled "Sandia Laboratory—On the Engineering Frontier" and describes the relationship of the Sandia program to the atomic energy and military preparedness programs.

Reprints of the article will soon be made available to employees of the Corporation via the booklet rack service.



Rear Adm. Frank O. O'Beirne
—New AFSWP Commander—



Maj. Gen. Leland S. Stranathan
—Going to Washington—

Announce New Commanding Officer for Sandia Base Special Weapons Project

Maj. Gen. Leland S. Stranathan, commanding general of the Field Command, Armed Forces Special Weapons Project for the past four years, is being transferred to Washington, D. C., next month. He will be succeeded by Rear Adm. Frank O. O'Beirne, deputy chief of the Armed Forces Special Weapons Project in Washington.

General Stranathan was appointed a flying cadet in 1927 and in 1929 received his commission as a second lieutenant in 1929. Since that time he

has served in Hawaii, England, South Pacific, Korea, and has had varied commands in United States.

He has the rating of command pilot with more than 7,500 hours in the air.

Adm. O'Beirne graduated from the U. S. Naval Academy in 1926 and has been a naval aviator since 1929. He served as Naval Intelligence Officer under Gen. Douglas MacArthur in 1942 and 1943.

The transfers of the two officers will take place in June.

Engineers Read Papers

Two Sandia Corporation engineers will present papers at an Electronic Components Conference in Los Angeles, May 27. Allan F. Hurford, 5331-1, and Rudolph O. Frantik, 5131, are the Sandians who will participate in the conference program.

Their papers discuss the quality assurance of vacuum tubes for maximum applications in electronic equipment. They report the results of tube studies at Sandia during the past year and tell of a control program used to assure higher quality and reliability.

Harry Romig Talks To ASQC Members

The Albuquerque section of the American Society for Quality Control meets tonight at 8 p.m.

Speaker will be Harry Romig, well-known quality control expert, who will discuss the "Role of Quality Control in Industry."

The group will meet in Room 122, Mitchell Hall, on the University of New Mexico campus. Tonight's meeting represents the last get-together until September.

Two Sandia Corporation Officials Going To New W.E. Positions Back East



H. G. Mehlhouse F. P. Fay

Transfer of two Sandia Corporation employees back to Western Electric Co. for new assignments has been announced.

Harvey G. Mehlhouse, Superintendent of Manufacturing Planning and Inspection, 2500, at Sandia since October, 1952, will go to Massachusetts where he will be manager of the Haverhill-Lawrence Shops of Western Electric.

Fred P. Fay, former manager of Wage and Salary Administration

manager of the Production Control Department, 2610, and more recently Department, 2220, will join the Defense Projects Department of Western Electric Company in New York City. He has been at Sandia since 1950.

Both of these transfers are effective July 1.

Mr. Mehlhouse was employed by Western Electric Company in 1929 and worked at Hawthorne Works in Chicago, except for a short assignment in 1937 with Bell Telephone Laboratories, until he came to Sandia. He was in manufacturing engineering.

Mr. Fay has been with Western Electric Company since 1935, serving as an engineer, section supervisor and department chief in Wage Administration and Vacuum Tube Manufacture.

SANDIA LAB NEWS

Friday, May 20, 1955

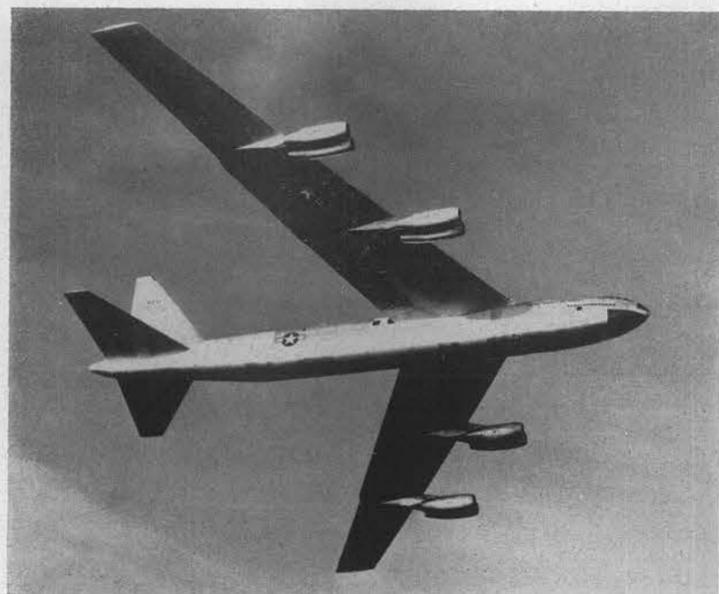
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Telephones: Sandia Base Extension 25253 or 26135



"Power for Peace"

Tomorrow Sandia Corporation employees may make visits to Sandia Base and Kirtland Air Force Base to see impressive displays of the might of our armed forces.

As the spectators tramp past rows of fighting planes, see a guided missile, see and hear a roaring demonstration of fire power, they will have brought to them the lesson of "Power for Peace."

This is the theme of Armed Forces Day for 1955. In these weapons for defense being displayed, and in other weapons not on display, United States is placing much of its hope for peace. The mighty B-52, B-36 and Sky Raider; the Nike missile, and even the jeep, automatic rifle and hand grenade which will be seen in demonstrations, are all weapons for peace—for never has a weapon of United States been used in aggression.

While looking at these instruments of war it would be well to think of the men who run them, the soldiers, airmen, sailors and marines back of the weapon.

Weapons for defense are only as effective as the men operating them. We can be thankful for the jet bomber, tank, bazooka, and artillery. We can be even more thankful for the American man behind them.

There lies our true strength.



Pigeon Partner

Doing a little gardening recently, Jim Brown, 5512, was surprised to have a friendly pigeon land on his shoulder, look him in the eye, and then proceed to walk to the other shoulder and down his back. He must have liked his roost, but only for a short time, as he took off and has not again been seen in the vicinity.

The Cruellest Stroke

Betty Pickel, 2320, faithfully arose each morning for nine mornings at 5 a.m. hoping to see the televised nuclear shot in Nevada. The night before the tenth morning the TV set went out. The tenth morning the shot went off. Hers is not the only story of missing the spectacle, but is quite representative.

Davey Did What?

A 5-year-old interpreted the "kilt him a b'ar" line in the popular "Davey Crockett" ditty into a modern version: "an' he built him a bar when he was only three."

Boudoir Bedlam

Jenny Spann, 2561, was rudely awakened one morning last week after the heavy rains—her bedroom ceiling plaster gave way and descended with a crash on the bed and on Jenny. She escaped with a few minor bruises and asks for no more plaster bedspreads, please.

Dirty Weather

Herb Plagge, head of the Sandia Meteorological section, received the local weather report from Trinidad, Colo. "Light rain, blowing dust, falling mud."

Freight-lift Footnote

Ramon Bernal, described in a recent issue of the Lab News as our only elevator operator, has no corner on cargo cages. Faithful Reader Carl Baumgartner, 4150, says there are three other elevators used for freight. Apparently Ramon is the only operator who travels more than one story up, however, and the lifts in 892 and 894 are self-service.

around the departments

Vacationing recently in California were **Charles Rood**, 2331, and his family. They visited the Grand Canyon en route.

Another Sandian who spent her vacation in the Golden State is 2333's **Marybelle Arnold**.

Fred King, 3171, and his family are enjoying a visit with relatives in Danvenport, Iowa. Upon their return Fred plans to spend a few days working at his new home in Sandia Park.

Courtland Rathbun, 1941, and his family have returned from a pleasant spring vacation with friends and relatives in Massachusetts.

Back at work in 1283 is **Art Cole** who was on sick leave recently.

Berta Guest, 2231, recently returned from a two weeks vacation with friends in California.

Her friends at the Laboratory welcomed **Florence Smythe** back to 2231 after an extended illness.

Ray Pogue's fishing spree at Fenton Lake on a recent Saturday rewarded him with a 16-inch German Brown Trout. Ray works in 4162.

From 2461: **Phoebe Chavez** is vacationing in San Francisco and Las Vegas, Nev.; **Opal Dogger** has returned from an enjoyable trip to Indiana and Michigan; **Cora Beckes** is entertaining her sister who is visiting from Chicago; **Wilma Sullivan** was honored at a surprise stork shower May 6.

Elly Whitehill's daughter, Marilyn, was married April 30 to Petty Officer Donald Cross, son of Mr. and Mrs. J. R. Cross of Albuquerque. The ceremony was a candlelight service in the Whitehill home. Elly works in 2231.

Malcolm Hamm, 2463, and his family vacationed for two weeks in Perry, Okla., recently.

Peggy Forsman, daughter of **Fleta Forsman**, 2561, was married May 7 to Dr. B. B. Trotter in nuptials at Immanuel Presbyterian church. A reception was held afterward at the Franciscan Hotel.

Beverly Adams, 3153, will be queen of Job's Daughters, Bethel No. 4, in ceremonies June 1.

From 5131: **Leigh Hendricks** and her husband are vacationing in Missouri; **Tim Preston** spent last week at home caring for the household while Mrs. Preston recuperated from surgery.



Photo by Hodges

DRESS from Acapulco—jewelry from Taxco—and a gay bonnet from Mexico City. **Anna Newbill**, 3171, models the purchases she made when she accompanied the New Mexico Goodwill Tour to our neighbors south of the border. Incidentally, her sandals, which are not shown, came from Cuernavaca.



Photo by Laskar

BANDMAN JIMMY DORSEY takes a request from **Charles Hays**, 1212, and his wife at a recent Coronado Club dance. The Hays were celebrating their first wedding anniversary at the event.

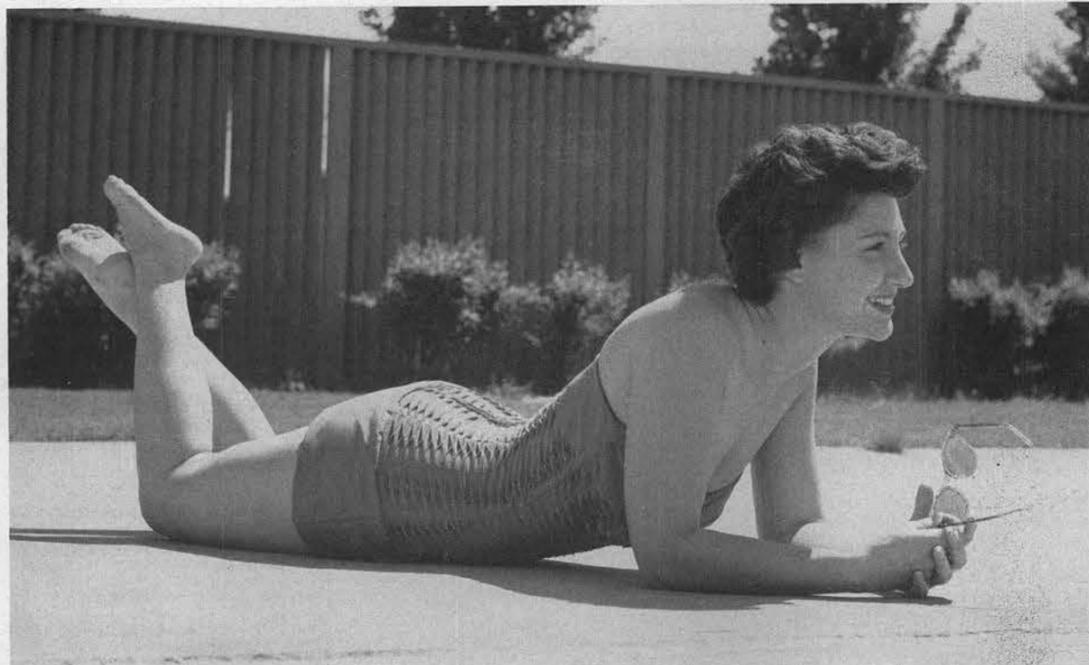


Photo by Hodges

ALL OF THE improvements at the Coronado Club as proven by Sandia's pretty **Laura J. Bainbridge**, 1925 (5331), pool area this year will not be in concrete and steel.

around the departments

Walter Wilson, 2152, and his wife have returned from a two weeks holiday in Phoenix, Oak Creek and Salt Creek, Arizona.

Another recent visitor to Phoenix was 2124's Mark Forster, who spent a recent weekend with his parents.

Members of 2100 welcomed back Chester Corbin, 2124, and E. J. Smith, 2111, both of whom have been convalescing from surgery.

Howard Reese, 2113, and his wife, Margaret, 3160, spent last weekend in Oklahoma City where they attended the National Volleyball Tourney.

Their friends at the Laboratory are wishing a fast recovery for Jay McDowell, son of Mr. and Mrs. J. K. McDowell, 2122, who was hospitalized as the result of an automobile accident.

Opening day of fishing season found many Sandians from 1630 enjoying the Land of Enchantment. Martha Whitford, 1632, and her husband spent the weekend at Brazos Lodge in the Chama area. Jerry Jones and Ted Perlman, 1632, tried their skills at Rio San Antonio in the Jemez country; Ben Bookwalter and Dick Prokash, 1631, took their jaunt to the Jemez.

Ernie Graves, 1631, was called to Nevada last week because of the accidental death of his brother-in-law.

Tex Erwin, 1631, has returned from Texas where he visited his father, who has been seriously ill.

Sandia's Betty Hinkle, 1922, modeled in the fashion show at a luncheon for Jaycee Wives during the recent Junior Chamber of Commerce convention in Albuquerque.

From 1634: Dorothy Carmichael vacationed for a week to entertain relatives from Kansas City, Mo. Included in the holiday plans was a brief trip to Colorado.

Rudy Sadler, 1632, accidentally burned his hand while working on the roof of a new home he is building.

Vera Antuna, 1631, spent a weekend with her parents in Las Vegas, N. M., recently.

J. B. McCullar, 1632, chose Ardmore, Okla., for his vacation destination.

Byron Wickett, 1634, spent two weeks in the nation's capital as a Naval Reservist. His tour coincided with the Cherry Blossom festival.

Vacationing with relatives in Los Angeles is 1333's John McKiernan who is sightseeing in places of interest in southern California.

Betty Reddy, 1925, is moving into a new home at 3108 Cardenas NE this week.

His co-workers in 1720 were glad to welcome Charlie Chavez, 1931, back to work after convalescence from an operation.

Blanche Evans, 1925, was a member of the Goodwill Tour that left Albuquerque April 22 for Mexico City and surrounding cities.

R. M. Packard, 1722, and his family spent a week's vacation recently in Dallas where they visited friends and relatives.

Rhoda Kutzscher, 1721, was feted at a post-nuptial shower in the Coronado Club April 28. Marrian Salmon, 5241, was hostess, and attending were many of Rhoda's friends from the Laboratory.



Photo by Laskar
CHATTING with Bandleader Woody Herman, right, at a recent Coronado Club dance were Mr. and Mrs. Gene Newlin, 6010. Gene is serving as entertainment director for the club.

Back at Sandia after a year's work with the Department of Defense in Washington, D. C., is Ken Erickson, 5130.

Marian Goldberg, 1925, spent her vacation last week in Colorado Springs where she attended the Haddassah convention. Marian is regional vice-president of the Mountain Plains Region.

A recent visitor to Los Angeles and San Diego was Evelyn Hunter, 2553, who motored there to visit friends.

Florida and Texas and places of interest in-between were the vacation plans for A. K. Leupold, 2550. On April 21 he was guest of honor at a dinner in La Hacienda when his co-workers and their wives celebrated his recent promotion.

On the cake which marked Dennis Salazar's transfer from 1921 to 5532 were the words: "Dennis the Menace." He was the guest of fellow employees in 1921 last Friday.

Among New Mexico residents on the recent Goodwill Tour to Mexico City was 1921's Dorothy Willis.

Edward E. Redlinger, AD2, NAF, son of Gaylo, 2231, and Art Redlinger, 2545, has returned to El Centro, Calif., after spending a leave with his parents at the 3-R ranch. He'll be released from service in July.

tro, Calif., after spending a leave with his parents at the 3-R ranch. He'll be released from service in July.

Frank Kite, 2545, treated his co-workers to a fancy cake in celebration of his birthday last Friday.

Mr. and Mrs. Edward W. Fisher, 5215, celebrated their silver wedding anniversary April 30 with a mass and reception at the Newman Club.

Honorees at a recent office luncheon were Mary Morgan, 5262, and Opal Tenbrink, 5250.

From 1323: N. B. Botsford vacationed in New York and Tucson, Ariz.; A. W. Fite spent a week with his parents in Las Cruces, N. M.; R. J. Delorenzo entertained his family who reside in New York—vacation plans took them to Las Vegas, Nev., the Grand Canyon, and Boulder Dam.

Frank L. Benscoter, 1326, another Sandian who enjoyed the Good Will Tour to Mexico, reported to his fellow employees his impressions of his neighbor... "nicely dressed people, but the traffic is enough to give Americans the jitters."

Vacationing at home recently were 2522's Jim Hare and Mel Otero.

Sandia Parents at Whittier Help With May Day Carnival

The Whittier School Parents Club sparked the annual May Day Carnival on the seventh of this month to raise funds for new school equipment.

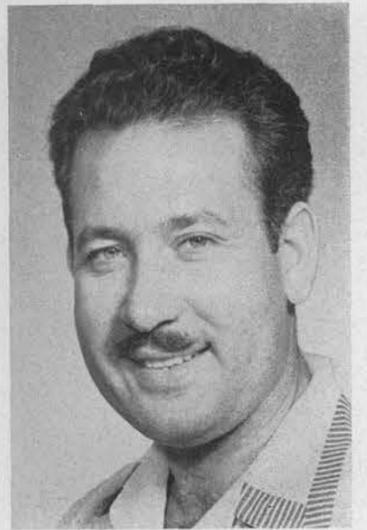
President of the group is Don Fossum, 1652, and Harlan E. Lenander, 5220, is vice-president. Other Sandians who are active in the group are E. R. Burke, 1723; Whitey Hollenbeck, 1613; Lee Davies, 1244; Chuck Reed, 1931; Clarence Muchow, 5523; Ben Blythe, 5522; Larry Smith, 5243, and Al White, AEC.

Mexico Fascinates Gil Eggert - He Studies Several 'Ologies' South of the Border

Mexico is a fascinating land for Gil L. Eggert, 1632, whose interests include petrology, entomology, mineralogy, and geology.

Gil, who has a keen enthusiasm for the beauty and history of the country, recently returned from a visit to the state of Chihuahua, Mexico. While there he stopped at the Mines of Los Lamentos, famous for rare earths, molybdenum and sulphur minerals, and next ventured to cross the wide, arid "Los Barreales" plain in search of the Los Muertos mines.

The plain, a dry lake bed 50 miles long and almost 20 miles wide, is so completely barren, Gil explains, that one can see the curvature of the earth. Unfortunately, car trouble prevented him from reaching the Los Muertos mines across the alkali dusty route and he diverted his tour to other mines and communities.



Gil Eggert
"Adventures in Mexico"

Goes Underground

Gil went underground at the Niaca Mine, 80 miles south of Chihuahua City, where he glimpsed the Las Cuevas de las Espadas (the caves of swords). Here the walls of the caves are lined with long, slender crystals of selenite, the crystalline form of gypsum.

"Thousands of shiny clusters protruded from the walls, and the temperature was nearly 100 degrees with the humidity at the same figure," Gil recalls. "Outside the temperature was about 50 degrees."

The trip to Chihuahua was only one of many for Gil, who has explored the Sierra Madre, ridden mule-back over the Promontorio

Mountains of the Alamos mining district and explored the valleys of Queretero. As an "added attraction" for his vacationing, Gil writes articles about his adventures and has sold many of them to southwestern and western publications.

"Then, too, I have my place of retirement all picked out," he asserts. He refers to the town of Morelia in Michoacan, Mexico, a calm and happy place surrounded by snow-capped mountains.

"Those people know how to live long and gracefully," he observes.

Congratulations

BORN TO:

Mr. and Mrs. Jack Reynolds, 1723, a son, Scott Parker, May 9.

Mr. and Mrs. Milton R. Madsen, 1611, a son, Wade, April 23.

Mr. and Mrs. Oliver Gallegos, 2352, a son, Daniel Paul, May 5.

Mr. and Mrs. Ronald Reed, 5133, a daughter, Marianna, May 2.

Mr. and Mrs. Arnold Draper, 5611, a son, Lincoln Arnold, May 2.

Mr. and Mrs. Clyde Babcock, 2463, a son, William Douglas, April 28.

Mr. and Mrs. Bob Kindley, 1284, a daughter, Michaela Susan, May 9.

Mr. and Mrs. J. L. Wentz, 1321, a daughter, Freda Maxine, May 1.

Mr. and Mrs. Jack Wipling, 2545, a son, Brian John, April 1.

Mr. and Mrs. Don Lewis, 2545, a son, Dale Gentry, April 14.

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

Armed Forces Day Observed On Bases Tomorrow

Armed Forces Day at Sandia Base and Kirtland AFB tomorrow will provide visitors with a spectacular display of military might.

At Sandia, starting at 9:30 in the morning, will be fire power demonstrations of automatic rifles, machine guns, mortars, rocket launchers and recoilless rifles. This demonstration will be at the rifle range on the south edge of the Base proper. Street signs will direct traffic to the site.

Also displayed will be a "Nike" guided missile by the First Guided Missile Brigade. This weapon will be on the parade ground.

Other displays and demonstrations on Sandia Base will be presented by various military units. Visitors will be admitted to the Base without passes and will be provided programs with complete listings of what they may see during the day.

The Kirtland show will start at 1:30 p.m. with a maximum performance take-off by three F-86 Sabre-jets, followed by a B-36 take-off. The air show is to include the full repertoire of aerobatics and a supersonic boom from a diving jet.

A highlight of the exhibits at Kirtland will be the new all-jet B-52 recently sent to the air base.

coronado club



May 20 through June 4

					Fri., May 20 Social Hour 4:30 p.m.	Sat., May 21 Juke Box Dance
Sun., May 22 Open	Mon., May 23 Family Nite Movies 7 p.m.	Tue., May 24 Chess Nite 7:30 p.m.	Wed., May 25 Bingo 8 p.m.	Thurs., May 26 Duplicate Bridge 7:30 p.m.	Fri., May 27 Social Hour Square Dance	Sat., May 28 Dance Al Hamilton Band
Sun., May 29 Open	Mon., May 30 Open	Tue., May 31 Chess Nite 7:30 p.m.	Wed., June 1 Ladies Afternoon Bridge	Thurs., June 2 Duplicate Bridge 7:30 p.m.	Fri., June 3 Social Hour	Sat., June 4 Dance Tommy Kelly Band

EVENTS

they're top-flite bowlers —

Meet the Champs



WINNERS' WIN-LOSS record is pointed out by Team Captain Rose Heinlen of the Onyx squad of the Jewelette Bowling League. L to R are members of the winning Onyx aggregation: Mrs. Hainlen, Margaret Reese, Petie Fink, Julia Sensel, Patsy Horne, and Mamie Burg.



BOWLING TROPHIES—Bowling teams pictured here have been awarded these trophies displayed by Recreation Coordinator Arnold Schuknecht of Employee Services, 3122. Fifty-two trophies went to members of five Coronado Club bowling teams and two teams of Sandia Corporation employees who bowl in Sandia leagues downtown.



TEAM NO. 11 of the Sandia Base Major League took top money in downtown league. Left to right: Team Captain James Schenck, Max Gasta, Noble Johnson, Joe Sylvester, Dale Pipher, and Andy Blain.



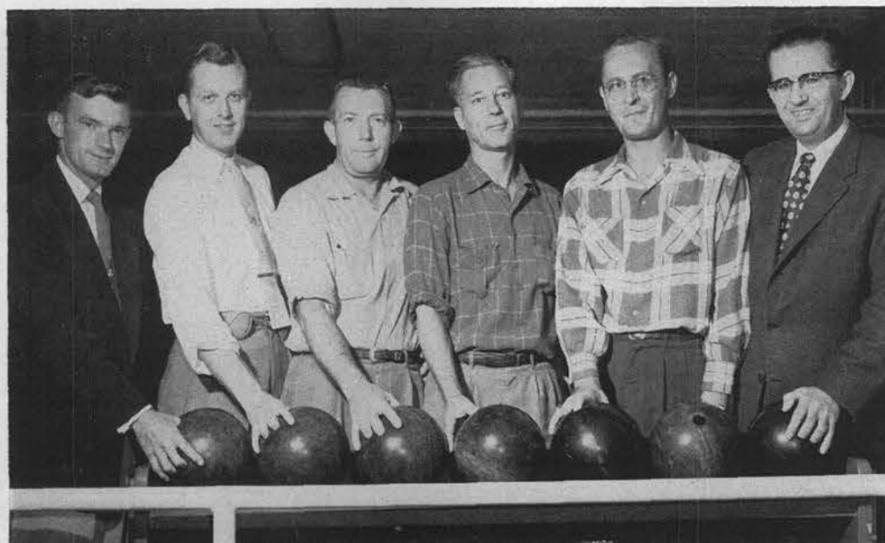
"STRIKES LIKE THIS helped put us at top of league," says Team Captain Pat Donovan to teammates of Squad No. 3 of Sandia Base Minor League. Left to right: M. H. McGirk, Lew Bothell, Joe Dawson, Dick Brown, Roland O'Trimble, C. C. Whitney, and Donovan.



DODGERS of the Coronado Club Major League came in first, winning 73 games during the season. Left to right are: Dick Prokash, Carl Boxx, Team Captain Sam Adkins, Joe Sanchez, John Hinson, Burt Newman, and Elio Cultreri.



ALL-STATES LEAGUE champs were the Oklahoma keglers above. Left to right are Jim Allman, Gene Palmer, Dick Dayhoff, Team Captain Gus Krause, and John Leslie.



APACHES of the Coronado Indian League notched bowling win with a 69½-game season record. Left to right are: Team Captain Connie Taylor, Jr., Ozzie Tjeltweed, Connie Taylor, Sr., Arnold Dulz, Gene Palmer, and Hank Stemporzewski.



GOPHERS of the Jungle League gained top rank, winning 64½ games. Left to right: Jim Alman, Glenn Morter, George Treadwell, Team Captain Bill Zemka, Jack Stein, and Paul Langdon.

Photos by Laskar



"B" LEAGUE BASKETBALL winners were Illini aggregation. Left to right are: Walt Halpin, Tim Preston, Jack Hale, Wayne Davis, and Jerry Johnson. Other team members not shown include: Ron Reed, Bill Cowan, Bob Kulterman, Carl Carlson, Ralph Schellenbaum, and Frank Hudson.

CHAMPIONS of "A" League basketball competitions were the Boilermakers. Left to right, front row, are: Jack Hanna, Frank Comeskey, Bob Kelly, Charlie Chavez. Rear row, left to right: Arnold Schuknecht, Al Schonberg, Wally Jungmeyer, James Davidson.

Photos by Laskar

Sandia Corp. People Among Exhibitors in Southwest Rose Show

More than 200 exhibitors will participate Sunday in the show and convention of the Pacific Southwest District of the American Rose Society at the North Fourth Street Branch of Albuquerque National Bank.

Sandians among participants include Mary Bascon, 1941; James E. Fesler, 4113; Pat, 1925, and Robert W. Higgins, 1917; Arno K. Leupold, 2550; George Stobie, 5252; Ellis A. Turner, 1623; JoAnn, 2230, and Stan Urevitch, 2111; T. L. Daniel, 2613; and Edward L. Johnson, 5216.

Cloud Seeding Article By Sandia Scientist in Meteorological Bulletin

An article on cloud seeding by C. Eugene Buell, 5133, appears in a recent issue of the Bulletin of the American Meteorological Society.

The work is entitled "Cloud Seeding in Western New Mexico and Southeastern Arizona in July and August, 1952."

★ **Climbers to Tackle 'Thumb' in Sandias**

"The Thumb" in the Sandia Mountains is the destination, Sunday, May 22, for members of the New Mexico Mountain Club. Hank Tendall, 1211, will be leader of the climb to the top of the prominent spire near Sandia Crest. He explains that the climbers will have an easy but interesting approach and that there will be a lot of practice climbing. Participants are asked to meet at 8 a.m. at Nob Hill.

ASM Ladies Night

Members of the Albuquerque chapter of the American Society for Metals will have a Ladies' Night and dinner at the New Chinatown Restaurant on May 26. Time of the gathering is 6:30 p.m.

A local field trip will follow the dinner.

Coronado Club Swimming Pool Opens To Members, Guests Saturday, May 28

Fourth Round Golf Standings Announced

Swimming season at the Coronado Club begins Saturday, May 28, at 10 a.m. The pool will be open daily during the summer from 10 a.m. to 7 p.m., weather permitting.

Charles Kaspar, Coronado Club director in charge of swimming pool activities, has announced the following schedule of charges which will be in effect for the season:

Golfers' handicaps were being adjusted this week at the end of the fourth go-round of Sandia Corporation Employees Golf League play.

Leading "A" Flight competition saw Team 5, with 8½ matches won, ½ match lost. Playing with Team 5 are Team Captain Jerry Donovan, Tim Butler, and Frank Abbott. Runners-up in "A" Flight was Team 2 with a 6½-2½ game record.

Team 8 of "B" Flight has shut out its opponents with a season record of nine matches won, none lost. Bob Siglock is team captain of Team 8, and he plays with Carl Kentfield and Bill Zemka. In second place, 8-1 match record, is Team 1 headed by Dennis Chavez. Team members include: Ray Chandler and Ken Foster.

Newest Flight in the League, "C" Flight, is topped this week by Team 1, with an 8-1 record. Fred Silva is captain; team members are Frank Kohut and Karl Portz. Holding second place are Marston Skidmore, George French and Ray Wilcox of Team 8. They hold a 7½-1½ game record.

Sandia golfers stage their match play each week on either first or final nine holes of the north 18 of the University of New Mexico course. Low scores to date have been posted by Joe Olson of Team 7 in "A" Flight with a 39, and Jerry Donovan of Team 5 in "A" Flight with 40. Par for each set of nine holes is 36.

★ **Cliff Boxx Heads Summer Bowling At Coronado Club**

Cliff Boxx, 1713, was elected president of the Coronado Club Summer Bowling League, and Neil Hansen, 3152, vice-president, at a recent organizational meeting held in the Coronado Club.

Dolores Kaspar, 4222, was chosen secretary-treasurer of the League, which begins a 12-week season May 24 at 6:30 p.m.

Two bowling sessions will be held each Tuesday evening during the summer, at 6:30 and 8:30 p.m. Eight teams are participating.

BOWLING

FINAL STANDINGS Coronado Club Major League

	Won	Lost
Dodgers	73	39
Braves	72½	39½
Cardinals	57	55
Phillies	55	57
Pirates	54½	57½
Giants	53	59
Cubs	52	60
Reds	31	81

Coronado Club Jungle League

	Won	Lost
Gophers	64	48
Wildcats	63½	48½
Lions	62	50
Mustangs	57	55
Panthers	57	55
Lobos	56½	55½
Rabbits	54	58
Bears	34	78

Coronado Club Indian League

	Won	Lost
Apaches	69½	42½
Hopi	62½	49½
Sioux	60	52
Zuni	53½	58½
Mohawks	52	60
Navajo	50½	61½
Blackfeet	50½	61½
Potawatomi	49½	62½

Sandia Major League (Downtown)

Team	Won	Lost
No. 4	77½	46½
No. 11	76	48
No. 6	76	48
No. 5	71	53
No. 12	66	58
No. 2	66	58
No. 9	61½	62½
No. 8	58	66
No. 3	58	66
No. 4	55	69
No. 10	49½	74½
No. 7	31	95

Sandia Base Minor (Downtown)

Team	Won	Lost
No. 3	79	53
No. 6	77	55
No. 5	72	60
No. 10	69	63
No. 8	69	63
No. 11	65	67
No. 9	64½	67½
No. 7	64½	67½
No. 4	63	69
No. 12	60½	71½
No. 1	56	76
No. 2	52½	79½

Coronado Club All-States League

	Won	Lost
Oklahoma	75	37
Wisconsin	70	42
Michigan	64	48
New York	59	53
California	56	56
Indiana	41½	70½
Illinois	41½	70½
Iowa	41	71



Photo by Hodges

CORONADO CLUB officers sign the contract authorizing construction of the new swimming pool. L to R: Eugene K. Baker, 1931, secretary; C. B. "Charlie" O'Keefe, 1932, president, and William E. Caldes, 1513, vice-president.

New Swimming Pool to Be Constructed at Coronado Club; Ready for Use June 10

Swimming facilities at the Coronado Club will be doubled in size this summer. A contract has been signed for construction of a new swimming pool of the same dimensions as the existing pool.

The new pool, to be built by Fiesta Swimming Pools, will be 30 feet wide and 75 feet long. Members of the Coronado Club board of directors say it will be completed in time for the Fifth Anniversary Celebration of the Club, June 10.

Located 15 feet south of the existing pool, the new pool will be surrounded by a deck of concrete varying from 10 to 15 feet wide. Four

chrome ladders and a safety rope dividing the deeper water from the shallow water will be installed.

At the shallow end, water will be about three and one-half feet deep and will increase in depth to six and one-half at the other end.

Fixtures for three 500-watt underwater electric lights will be built into the concrete to illuminate the pool for night time use on special occasions.

The new pool will be made of steel-reinforced seamless concrete, a process in which the concrete is blown into forms under pressure.

Wedding

Evelyn Brewington, 1925, and Neil E. Powell, 2122, were married May 9 in a quiet ceremony in Albuquerque. They are leaving in July for a delayed wedding trip to San Diego, Calif.

Safety Saying —

The rule breaker is an accident maker.

Coming Events

— Theatre, Art, Music, Lectures —

Friday, May 20; Sat., May 21, and Sun., May 22

8:30 p.m., "Enchanted Cottage," New Vic Players, Old Town Playhouse.

Saturday, May 21

7 and 9 p.m., "Pepe LeMoko" (French movie), Mitchell Hall, UNM, (Univ. Film Society).

Nizhoni Indian Dances, Zimmerman Stadium, UNM, 8 p.m.

Wednesday, May 25 (through May 29)

8:30 p.m., "King of Hearts," Little Theatre

Thursday, May 26 (through May 29)

8:30 p.m., "Enchanted Cottage," Old Town Playhouse

Wednesday, June 1

LaQuinta String Quartet, 8 p.m., Little Theatre (June Music Festival).



Photo by Laskar

STIRRING CHALLENGE of "Bottlecaps" is revealed in the grim expression of Joan Anderson, 1942, as she swings bravely at speeding bottle-top. In background are cheering team-mates, waiting their turns at bat.

Improved Conditioner Keeps 'Em Trim And It's All Noon-Hour Recreation

A rigorous pastime for young men only, according to L. M. "Jerry" Jercinovic, 1942, is "Bottlecaps", a game which puts ten or more Sandians in action almost every noon.

Heavy hitter Jerry claims that Bottlecaps, an adaptation of his hometown game of corkball, will keep any athletic minded man in excellent physical condition.

"Bottlecaps", he says, "is a baseball type encounter where the pitcher and catcher play starring roles. All other positions just hang around listening to supersonic bottlecaps whizz by."

Usually there are a pitcher, catcher, and an indeterminate number of fielders on each side, says Jerry. Opposing them is a batter with a stoutly taped broomhandle, and a pair of squinting eyes.

In Bottlecaps play, the pitcher bends down, takes a cap from a paper bag at his feet, scales it toward the plate with a sidearm motion. Unlimited variations on the standard curve ball are possible with a bottle cap. There are in-shoots, out-shoots, risers, droppers, out-droops, floaters, hold-stillers, and "where'd the blamed thing go." Only skill, practice, a pair of 20/20 eyes, and a razor sharp sense of timing allow a batter to hit.

A single is scored when any bottle

cap is hit straight ahead and drops in front of the pitcher. A double is any hit over the pitcher's head. A triple is a little further over the pitcher's head than a double, and is awarded to worthy batters only by mutual consent of all parties. A home run, ultimate achievement of Sandia Bottlecaps players, occurs when the flying bottle cap strikes the steel wall of Quonset Building 844.

Outs are scored when the batter swings, misses, and the harried catcher manages to hang onto the slippery cap. A foul ball is an automatic out; so is a fair hit caught by a fielder on the fly. There are no balls, strikes, balks or other inconveniences to inhibit the pitcher.

Best pitcher of the Warehouse crew in Building 834 is Guy "Jonesy" Jones. His superb bottle cap control has earned him a season record of three no hit-no run games.

Despite the batter's difficulty in hitting the speeding elusive cap, scores of 15-12 are not unusual. More common scores, however, range from 10 runs to a side or less.

Sandians of the Warehouse crews who regularly match wits and skill in Bottlecaps include: Joe Duran, Joe Rutledge, Benny Garcia, Jack Chavez, Guy Jones, Floyd Elder, Bill Reese, Ernie Gurule, Bill Hall, Jimmie Olivas, George Thorne, Eloy Barela, and often pinch-hitter Jim Deakin.

Elect Lloyd Melick President of Sandia Base Radio Club

Members of the Sandia Base Radio Club recently elected Lloyd Melick, 5424, president of the organization, and Lt. Don Lambrecht, Headquarters Squadron SRG, vice-president.

John Cundy, 1932, was chosen secretary, and Lt. William Freeman, treasurer.

There will be no further meetings of the Radio Club until fall.

California News

From Sandia's Field Office, Beverly Hills

Mary Schutte, 2554, is enjoying a vacation to entertain friends from Santa Fe. They plan to take in some of the latest shows as well as visit Knott's Berry Farm and several TV studios.

Dick Bassett, 2531, and his wife, Charlotte, 2563, stopped in for a visit during their vacation in Los Angeles—it happened to be a cloudy day and Dick said he thought the weather back in Albuquerque was better.

Edward G. Latimer, 2545, and his wife are enjoying a visit from their son, Lee, who is home on a 30-day furlough. Lee is an Airman 2/C and will leave soon for overseas service in Japan. The family will celebrate his 22nd birthday May 22.

AIEE Section Elects John Ansley Officer

John Ansley, 1652, was elected secretary-treasurer of the Northern New Mexico section of the American Institute of Electrical Engineers, at a recent meeting. Michael Hayes of the General Electric Company was chosen chairman of the Section, and Lynn Swenson of the Allis-Chalmers Company, vice-chairman.

There will be no further meetings of the AIEE, Ansley said, until the winter season.

Professional Group Activities

Circuit Theory

The professional group on circuit theory of the Institute of Radio Engineers will meet May 25 at 8 p.m. in Mitchell Hall at the University.

Speaking on the "Physics of Transistors" will be Walter Brown, 5441. At the conclusion of the technical meeting, an election of officers for the coming year will be held.

Telemetry and Remote Control

Newly-elected president of the IRE professional group on telemetry and remote control is Stan Reynolds, 5216. Loyle Baltz, 5215, was chosen vice-president and Charles Stockley, 5252, secretary-treasurer.

Antennas and Propagation

Elected chairman of the professional group on antennas and propagation at a recent meeting was John McLay, 5442. George Oltman, 5412, was chosen vice-chairman, and Dean Yearout of 5412 was elected secretary-treasurer.

Information Theory

Walter E. Brown, 5411, has been elected chairman of the IRE professional group on information theory. Chosen vice-chairman was Col. Leo V. Skinner of Kirtland Air Force Base, and secretary, Charles H. Bidwell, 5411.

Sympathy

To Walt Byers, 5133, whose father died in Johnstown, Pa., May 4.

To Dr. Charlotte Beeson, 3160, whose father died in Little Rock, Ark., last week.

To Tom Starr, 5611, whose mother died May 8 in Glacier Park, Mont.

To Chester Washburn, 2463, whose mother-in-law, Mrs. Daniel Nolting, died in Albuquerque last week.

To Ethel Canady, 2231, whose brother died May 6 in Chanute, Kan.

Tech Writers Elect

Max Weber, 5132, was elected president of the Albuquerque Society of Technical Writers, and Earle George, 1722, vice-president, at a recent meeting.

Grüne Robinson, 2464, was elected secretary, and Howard Sieberman, 1723, treasurer.

Next meeting of the group will be June 20, when a film on "Photolithography" will be shown.

AWS Meeting

The Albuquerque section of the American Welding Society meets tonight at 8 p.m.

Speaker will be R. E. Scott, engineering service representative for the Linde Air Products Corporation of Denver. His topic will be: "Metal Inert Gas Welding."

The meeting will be in the Industrial Arts Building on the University campus.

Jerry Gibson Talks to Pharmacists on Personnel

Jerry Gibson, 3154, will be a speaker on the program of the New Mexico Pharmaceutical Association when the state convention is held here next month. He will speak on "Personnel Relations" at the Tuesday session, June 14. The meetings will be held at the Hilton Hotel.

E. F. Cox Speaks at Texas Tech College

Everett F. Cox, 5110, was guest speaker for the Texas Tech chapter of Sigma Pi Sigma, honorary physics society, at the Texas Technological College in Lubbock on May 7. His topic was "Propagation of Blast from Atomic Bombs."

Promotion

WILLIAM T. "BO" PRICE to supervisor of Manufacturing Relations Engineering, Division A, 2531.

Bo joined Sandia Corporation in August, 1951, and was promoted to supervisor of the Manufacturing Engineering Project II Section in April of 1952. Before coming here he was associated for 11 years with Argus, Inc., in Ann Arbor, Mich., as chief project engineer. Previously he spent four years with Hoover Ball Bearing Co., also in Ann Arbor, in the fabrication of tools and dies. He attended the University of Michigan where he studied mechanical engineering. He was educational chairman for two years in the local chapter of the American Society of Tool Engineers.



The Inquiring Reporter Asks —

Who Will Be In The 1955 World Series?



ELOY BARELA, 2113: Cleveland and Brooklyn! Cleveland has the hidden power in their pitching staff and a good defense. Brooklyn's got a lot of good pitching and hitting. Kiner does pretty well and he'll be okay for the season, but they sure have a score of old boys.



MIKE SYLVESTER, 2452: I don't follow baseball too closely, but I've sort of formed an opinion from hearing the fellows discuss it. Put me down for Brooklyn and Cleveland—just because I think they'll win. Other than that, no comment just to be on the safe side!



JIM SCHLAHTA, 3152: The Cleveland Indians in the American League. I think they have the best pitching staff in that league. And then the New York Giants. Why? Because they've got Willie Mays. When hot weather comes, I think the Dodgers will fold—they're old men.



DAVE TAFOYA, 2464: The Indians and Dodgers—and I'll take any bets on it! They have the best players and pitchers. The Indians have a fine stable of pitchers, the best, I'd say. Sure am looking forward to the game broadcasts next fall, when I'll find out if my guess is right.



KENNETH O. CRAYS, 5212: If their pitching holds up, Detroit will be in there fighting for it. The Tigers are my pick, a great team! I'm sure they'll be in there—but you can come around again next fall and we'll talk about it again, and probably more accurately.

Once Hush - Hush Los Alamos Now Not Quite As Mysterious

Editor's Note:

Los Alamos is still a city which attracts great interest. The time has arrived when not everything in that Atomic Town is behind a cloak of security. Here is an account of the evolution of Los Alamos, through its early history up to today.

A thousand years ago Indian life on the Pajarito plateau of New Mexico centered around secret underground chambers known as "kivas."

Atomic Age Pueblo

Today, life at the Atomic Age pueblo on the Pajarito plateau, Los Alamos, still utilizes "kivas", as certain facilities there are called. Within these strange modern kivas scientists from Los Alamos Scientific Laboratory conduct their studies of fissionable materials as they delve into the far reaches of the nuclear sciences.

Because it "just grew," one of the critical assembly machines housed in a kiva is called Topsy. The other is named Godiva because it does not have Topsy's reflectors and hence is "unclad".

These are in reality miniature reactors, or critical assembly machines, which assemble critical amounts of radioactive materials—and the reaction is observed, with the aid of a television camera, at a control building a quarter of a mile away.

Los Alamos, to correct a general misconception, is not one, but two communities. It is, first, a working scientific laboratory within the technical area. At the same time it is a residential community whose sole purpose is to support the Laboratory.

On Volcano Rim

Here, close to the rim of the ancient Jemez volcano, the bright New Mexico sun shines on the strangest of sights. It glitters on numerous TV aerials. It sparkles on Ashley pond, near The Lodge, where the limit is six fish to each child, none to adults. It glints off the town water tower where a great green '54 splashed on its side attests to the high morale of the city's youth.

Nowadays, almost hidden by new construction, The Lodge is the Hill's outstanding link with its wartime past. Now it serves as Los Alamos' only hotel. But at one time The Lodge was the social center of Los Alamos, around which revolved the mysterious "Project Y," a super-secret mission of the Army's Manhattan Engineer District.

Like much of the work of Project Y and Topsy and Godiva, almost every present phase of the nuclear weapons program at Los Alamos is

shrouded by security. Its history is no exception. Project Y was born in the mind of Albert Einstein during the early days of World War II. He had become alarmed at the experiments of German scientists with heavy water and the atom.

Project Starts in '43

In 1939 the great scientist wrote the President that the Nazis were nearing the secret of releasing atomic power and that their work constituted a grave threat to the United States. President Roosevelt thought so too, and the gigantic program was started. On Nov. 25, 1942, the Under Secretary of War directed that a particular site be purchased near Santa Fe, N. Mex.

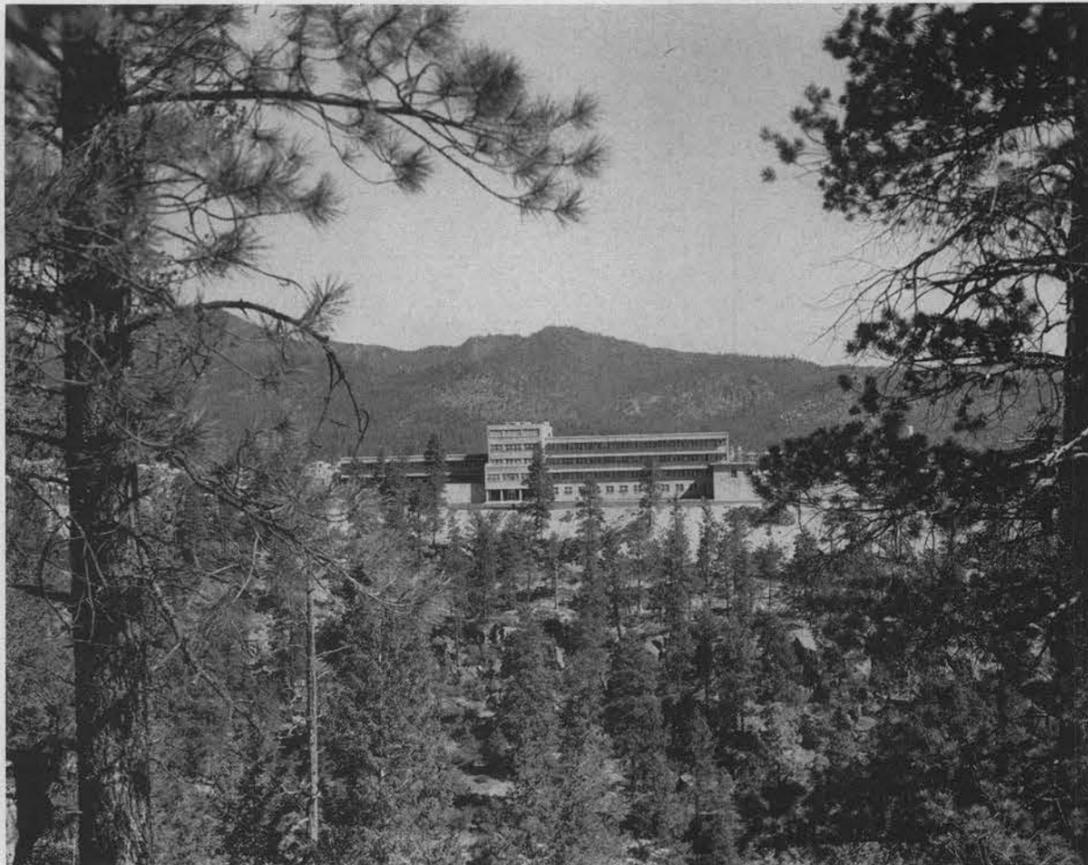
A month later, Major General Leslie Groves assumed command of the project. The first scientists arrived at Los Alamos in March of 1943. They motored from Santa Fe to lonesome Los Alamos Ranch School for Boys, 35 miles out of town, and work began.

Originally it was thought that only 100 scientists would be needed on the project. By July, 1943, 1,900 people worked on The Hill. In December, 1943, there were 3,500. For two and one-half years, scientists from almost every portion of the Allied world swung off the trains at Lamy, Los Alamos' contact point with the Santa Fe railway. All of the Laboratory personnel traveled under assumed names and literally vanished behind the anonymous facade of P. O. Box 1663, Santa Fe, New Mexico.

As Los Alamos suffered through the transition from boys' school to nuclear weapons laboratory, other mighty atomic energy works were being built at Hanford, Wash., and Oak Ridge, Tenn. Actual design and construction of the atomic bomb, however, was carried out at Los Alamos on the peaceful Pajarito plateau. It was never to be "peaceful" again.

Transition Period

Bulldozers tore up the pines and sage. Earth movers made new roads.

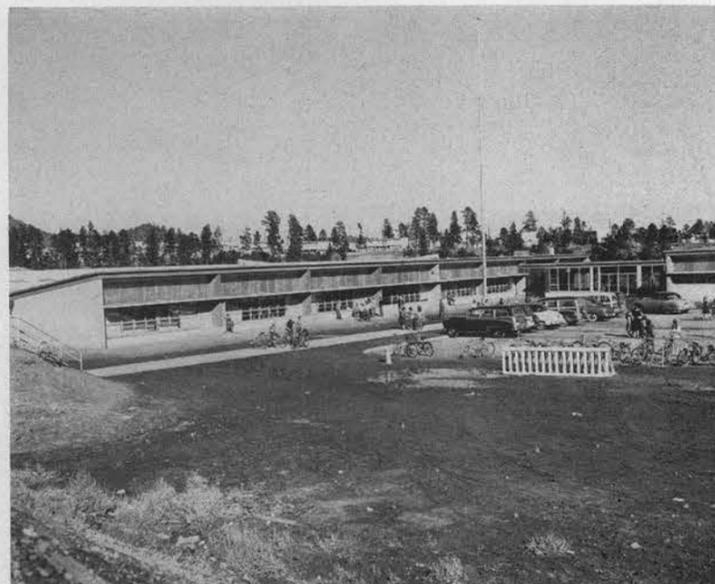


MULTI-MILLION dollar medical center at Los Alamos is part of the large construction program now under way on the Pajarito plateau. New Mexico's newest city is a place of beauty in the mountains.

Two-story green barracks sprouted like bushes on the flat table lands. Convoys of Army trucks roared along streets with no names. And on the southern rim of Los Alamos mesa sprang up a grim enclosure of steel fence, barbed wire, and a ring of armed guards. This was "The Technical Area."

Behind this carefully guarded enclosure scientists purposefully tampered with the heart of the atom. They sallied off to work in the morning to the call of "Oppie's Whistle," an Army siren named for Robert Oppenheimer, which shrilled at 7 a.m., noon, 1 p.m. and 5 o'clock. But the lights of the Laboratories burned many a night—all night—as these men raced against time and against a resourceful enemy.

They lived in a world of genius; a world of many languages spoken in whispers. A world of Edward Teller playing his grand piano through the night, a word of intellectual achievement as could be accomplished by only such men as Hans Bethe, John von Neuman, Niels Bohr, Enrico Fermi, I. I. Rabi, Bruno Rossi, Emelie Syre, Sir James Chadwick, Cyril



INTERMEDIATE SCHOOL of ultra-modern Los Alamos School system shows contemporary futuristic design typical of all Los Alamos' construction today.

Smith, Robert Oppenheimer, and Norris Bradbury, slated for bigger things in later years.

Time of Trinity

Time passed. After Trinity, the world's first atomic explosion, there were Nagasaki and Hiroshima. Then the war ended and Los Alamos was threatened, for a time, with extinction. Its job was done.

But today, with the Atomic Energy Commission looking ahead to peacetime uses of atomic energy, Los Alamos Scientific Laboratory has become a permanent laboratory and Los Alamos a prosperous community.

Led by Norris Bradbury who preserved Lab morale, and the Lab itself, during the uncertain days after World War II, Los Alamos is still the keystone of the nation's nuclear weapons program, an activity in which Sandia Laboratory is a full partner, along with other AEC installations.

The Los Alamos Scientific Laboratory staff of 3,000 works as an American team. Their task: Keep ahead in the world's atomic competition. They conduct research not only in the development of nuclear weapons, but in thermonuclear weapons and in many fields of basic science, in the human health dimension, and in theoretical and experimental physics.

Community Investment

More than \$250,000,000 has been

spent at Los Alamos to make a permanent Laboratory and a pleasant town for these research workers. For them a new technical area, a concrete metropolis, has been built on the South Mesa.

The work of the Lab, as is work in any community, is influenced by life at home. And Los Alamos is a city of homes for 3,411 families, 13,000 people. Los Alamos is a city of churches, 16 of them, 10 good schools and new municipal buildings.

Atop a rise, near the ancient pueblos of Tyuonyi and Pudwige, are a supermarket, a bowling alley, a vending machine concession, a "tot" shop, a motion picture theatre, a golf course, skeet and rifle ranges, riding trails, and the 3,411 dwelling places. Where ancient Pajarito man once trailed deer, buses run on half-hour schedules, bridges and a huge fill connect mesas once separated by deep and forbidding canyons.

Street signs point to tech area sites and other signs at intersections point the way to evacuation routes.

Contemporary Pajarito man forges history in his concrete kivas and his council smokes darken Nevada skies today.



TRIM DWELLINGS of modern Pajarito "cliff dwellers" line well paved trails where Chaco man trailed deer.

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, May 26

FOR SALE—

KENMORE WASHER \$45; GI iron \$3.50; car cooler \$9; chest of drawers \$13; hassock \$2.50; birdcage \$3.50; toys, miscellaneous. DeJong, Alb. 6-9009.

AUTOMOBILE TOW HITCH, only type which complies with safety laws of all 48 states \$55. McMaster, Alb. 4-2703.

HALICRAFTER short wave receiving unit, 4 band \$40. Wade, Alb. 6-4895.

COUCH AND CHAIR \$10. Tischhauser, 1906 Silver NE, Alb. 3-5123.

LABRADOR RETRIEVER pups, AKC, shots \$25. Jones, Alb. 5-8144.

BOOKCASE, 4 x 5 ft.; single 4-poster bed and spring \$8. Helm, Alb. 6-2075.

1950 - 74 HARLEY \$300. Weaver, Alb. 3-8944.

1953 HARLEY KH. Shoemaker, 222 Columbia Dr. SE after 5.

QUARTER HORSE, saddle and bridle. Brown, Alb. 3-9394, 1723 Isleta Rd.

CHAIR AND OTTOMAN \$20; occasional chair \$15; bed \$30; radio \$5; lawnmower \$15; 1/2 HP motor \$5; 2 x 6 in. joists; vise \$15; Panel ray heater \$25; Ficke, Alb. 6-5618.

COFFEE TABLE \$5. Forcum, 2907 San Mateo NE, Alb. 6-3147.

REFRIGERATOR and gas stove, can be used for trade-ins, no reasonable offer refused. Eskridge, 313 Gen. Chenault NE.

TWO-BURNER Universal hot plate. Kind-schi, Alb. 6-0531.

KNAPP-MONARCH four speed liquidizer, used only few times \$20. Gustin, Alb. 6-3807.

1952 CROSLY auto \$300. Baca, 1021 North Arno. Alb. 2-5955.

1952 PHILCO refrigerator \$80. McDermott, ext. 4-9180.

NASH RAMBLER, 1952, \$850. Lambert, Alb. 5-9630 after 4.

CHEVROLET coupe, 1936, R and H, good tires \$85. Berger, 202 San Pablo SE.

TWO-WHEEL utility trailer, 6 x 8 ft., steel frame, good tires, ball and socket hitch with bumper clamp \$90. Radigan, ext. 49171.

GIRL'S 24-in. bike, J. C. Higgins, new puncture-proof tires \$20; Hood "Izaak Walton" fishing boots, size 8, \$7. Glass, ext. 28190.

1949 PONTIAC convertible, hydramatic, 8, clean, fully equipped. Pinger, Alb. 6-4210.

CAR TOP BOAT, value \$100, sell for \$30 or trade for .22 rifle; camping icebox \$10 or trade for .22 rifle, walnut bedstead \$7, or trade. Weimer, Alb. 6-0327.

AIR COOLER, evaporative, 1600 CFM with 50 ft. copper tubing \$40; latest edition Book of Knowledge \$40. Moffat, ext. 20173.

1951 PLYMOUTH Cambridge, 2-door; '49 Indian Scout motorcycle. Hainlen, Alb. 5-6988.

AIR COOLER, evaporative, portable or window mount, pump, used 2 months \$49. Thayer, Alb. 6-4630.

GAS RANGE, full size \$25; English Springer Spaniel puppies, champion sired out of field trial-champion stock \$60. Barth, Alb. 6-1014.

AIR CONDITIONERS, two, 2200 CFM, 4-speed, pumps \$50 each; 4-speed Emerson floor fan \$30. Harper, Alb. 6-9236.

THREE LOTS, off Central NE \$700 each, terms. Marchionda, Alb. 2-5742.

KODAK 8 mm. Brownie movie camera, lights and case, new \$35; N. Z. W. rabbit, pedigree, best offer. Robinson, Alb. 6-6675.

HOME, 3 bedroom, den 1 1/2 baths, fireplace, air conditioner, double garage \$12,950. Gear, 6217 Hannett NE, Alb. 5-5225.

HENS, Austria Whites, grade 4-A, 1 yr. old \$1.50 each; brooder, electric \$8; New Zealand White rabbits. Meek, Alb. 3-4336 evenings.

PONTIAC, '49 4-door Chieftan, Hydramatic, R and H \$475. Edgar, Alb. 5-9070.

PATIO TABLE, natural finish, birch veneer, 28 x 66 in., benches, wrought iron legs \$25. Dusek, 812 Adams NE.

DAY BED \$10; grey desk \$25; trombone \$10, files \$9 to \$15, two 26-in. bicycles \$10 and \$20. Lavin, Alb. 6-8084.

GREY WOOL carved rug with pad \$60. Gailard, Alb. 6-3380.

SOFA BED, Simmons, one year old. Preston, Alb. 6-4565.

TWO-BEDROOM HOME, adobe, with guest house, fireplaces, 1 1/2 acres, Placitas \$7800 total, \$1800 down. Wood, ext. 21232.

TWO SNOOKER pool tables, two pocket billiard tables, see at 1316 3rd St. SW. Padilla, Alb. 7-8562.

1951 35-ft. Newmoon housetrailer, all metal, two bedrooms and bath. Brammer, Alb. 6-3168, 420 Texas NE.

CRAFTSMAN 8-in. power saw, tilting arbor \$20. Pheils, Alb. 5-3137 after 5 p. m.

UNIVERSAL GAS RANGE, reasonable. Ruddy, Alb. 5-3501.

HEAVY CLOTH vinyl plastic covered davenport and chair, will sell separately. Martin, Alb. 5-2335.

1946 CHEVROLET, new paint, good tires, clean \$245. Jones, ext. 21183 after 4:30 weekdays.

CAMPING TRAILER, 4 x 8 ft., insulated, 570 lbs., built-in cabinets, ice box, water tank, stove, innerspring bed. Kutzley, Alb. 5-3572.

MG, long on performance, short on looks '51 MG-TD \$550, terms or trade. Howerston, Alb. 6-3152.

LADY'S WILSON golf shoes, size 5 1/2 AA, worn twice \$4. Chavez, 402 Gen. Hodges NE (4 blocks north of Luna Lodge).

WASHING MACHINE, Coronado, used one year, very reasonable. Odle, 821 Valencia Dr. NE, Alb. 5-4110.

CUSHMAN SCOOTER bike \$125. Smith, Alb. 5-3533 after 5.

GOOD INNERTUBES (600 x 16) \$2.50 for both. Kelly, Alb. 7-9835, 904 Wilmoore Dr. SE.

1954 PLYMOUTH station wagon, two-tone green, heater, turn signals \$1795. Ryan, 522 Espanola NE.

GAS RANGE, 39-in., \$40. Hawley, Alb. 5-0332.

FRENCH HORN, Conn Pan-American, reconditioned. Bircher, ext. 52263.

UPRIGHT PIANO (Straube) \$75. Corkran, Alb. 5-1793 after 5:30.

21-in. RCA custom chassis \$110; Servicycle \$30; E-flat alto sax \$15; enlargers \$20 \$50; '48 Studebaker completely overhauled \$275. Smith, Alb. 5-9177.

SIX ROOMS miscellaneous household furniture and appliances. Schlahta, 8411 Los Arboles NE, Alb. 6-7248.

COMPLETELY weather-tight dog house for large pooch, has triple-insulated floor, double hinged entrance, 1 year old, make offer. Ethridge, Alb. 6-1963.

COCKER PUPS, only two left, registered \$25 and \$30. Lewis, Alb. 6-6285.

EIGHT-FOOT SERVEL double oven Universal gas range; Spindrier washer, best offer. Hofer, 3045 Mackland Dr., Alb. 5-6754.

COMBINATION radio and record player; Harley-Davis motorcycle, 4,000, 1953; 1941 Studebaker coupe, new engine, all reasonable. Fry, Alb. 5-7458.

1948 DODGE, 4-door, especially clean, mechanically good \$245. Jordan, Alb. 5-700.

THREE-BEDROOM HOUSE, den, 1 1/2 baths, Banderlier district near Kirtland and Sandia, landscaped, sidewalks, terms or refinance. Martinson, Alb. 3-6901.

FURNITURE: living room suite, like new; two Hollywood beds; refrigerator; gas stove; automatic washer. Sheard, 725 Dakota SE, Alb. 6-0092.

1951 BUICK Super convertible, power seats, power windows, Dynaflow, R and H, clean \$750. Flick, 804 Madeira SE, Alb. 6-9475.

BLACKSTONE wringer-type washer, 4 years old \$25. Morter, 8609 Claremont St.

ELECTRIC IRONER \$50; training chair \$3; Babytenda \$15; play pen to fit standard bed \$10. Quigley, Alb. 5-5705.

W-C CHANGER, 12-inch coax in RJ enclosure. Lenz, 710 Monroe NE, Alb. 6-5896.

HOT POINT portable mangle, \$30. Gianini, Alb. 5-0282.

THREE-BEDROOM Inez home, corner lot, extras. Deacon, Alb. 6-1157.

FORD COUPE, 1941, mechanically good, radio, \$200. Hansen, Alb. 6-0641.

RADIO, Hallcrafters, S-38B \$27; want contractor's-type wheelbarrow. Farmer, Alb. 5-7279.

FOR RENT—

FURNISHED 2-bedroom home in Princess Jeanne Park, free swimming pool facilities. Mullin, 10433 Ralph Ave. NE, ext. 25132.

TWO-BEDROOM house, furnished, wall, lawn. Forcum, Alb. 6-3147, 2907 San Mateo NE.

FIVE-ROOM HOUSE, furnished, good location. Hinman, Alb. 6-7152 after 5.

ROOMS, large, one with private bath, entrance, porch, near bus, University, employed gentleman. Jones, Alb. 3-3492, 1515 Silver SE.

TWO-BEDROOM HOME, furnished, den \$90. Pyeatt, Alb. 5-8862, 2125 Valencia Dr. NE.

UNFURNISHED two-bedroom house near Sandia Base. Fresquez, Alb. 6-1212.

WANTED—

DRIVER to join car pool, vicinity Rio Grande Blvd. NW between Indian Sch. Rd. and Candelaria to Bldg. 880 parking lot. Walker, ext. 49163.

RIDERS to Wisconsin or points enroute, leaving June 17, returning July 10. Adamsheek, ext. 34134.

take me out to the

Softball Season Opener



YANKEE Tony Garcia swings at speeding ball during first night softball clash between Yanks and Orioles of "B" League. Catcher is Jim Schlahta of Orioles; umpire is Ashley Bice. The Yanks won the game 14-6.

SNT Members Going To Banderlier for Dinner Meeting

Frijoles Canyon Lodge in the Banderlier National Monument is the site of the annual Ladies' Night and officers' nomination meeting of the Albuquerque Chapter of the Society for Non-Destructive Testing tonight at 7 p.m. MDT (8 p.m. MST).

Nominations of officers for the Society's election will be received, and Paul Judd of the National Park Service will speak to the group on "The Grand Tetons of Wyoming." Judd will show colored slides of the famed Wyoming wilderness area.

Tickets have been priced at \$2.25 each. Reservations may be phoned to Doug Ballard, ext. 35140.

Technical Council Directors' Luncheon Meeting May 27

The board of directors of the New Mexico Council of Technical and Scientific Societies will hold its final luncheon meeting before the summer recess at the Desert Sands Motel restaurant May 27.

Final committee reports will be made, and members will discuss Council affairs.

Tickets for the luncheon are priced at \$1.65, including tax and tip.

RIDE from Kirtland Addition (Miles Road between Yale and Broadway) to Bldg. 880. Benderman, Alb. 3-0612.

ADDITIONAL drivers for car pool from vicinity Carlisle Village (1400 Carlisle SE) to Bldg. 802. Nylander, Alb. 6-7437.

RIDE for first two weeks of June, vicinity Bldg. 834, 336 General Somervell NE. Southerland, Alb. 6-5865.

RIDE from General Marshall NE to Bldg. 802. Leah Cohen, Alb. 5-3241.

RIDE from corner Harvard and Garfield to Bldg. 892, south gate. Cappi Lynn, ext. 21240.

ANYONE going to or through Indiana around June 1 having room for two passengers, please contact P. B. Burns, ext. 56135.

RIDE from 1421 Grand NE to Bldg. 800. Loretta Durant, ext. 35237.

RIDE from 1000 John SE, one block west of Broadway to Bldg. 892. Geraldine Marsico, Alb. 2-3554.

ONE DRIVER for four-man car pool, vicinity Menaul and San Mateo. Sieberman, Alb. 5-3409.

RIDE or join car pool from Woodland NE Hoffmantown to Bldg. 820. Douglas LaCarr, Alb. 5-4191.

TO JOIN or form car pool from vicinity Menaul and Moon NE to north gate Tech Area (Bldg. 834). Anderson, ext. 44247.

RIDE or form car pool vicinity Carlisle and Smith to Bldg. 892. Stiefeld, Alb. 6-0737.

RIDE from 2934 Madison NE to Bldg. 880. Tillie Wheeler, Alb. 6-7180.

TRADE—

1952 BUICK Super Riveira \$1350, \$25 under book, trade for older car, figure book on each. Powell, Alb. 6-4358.

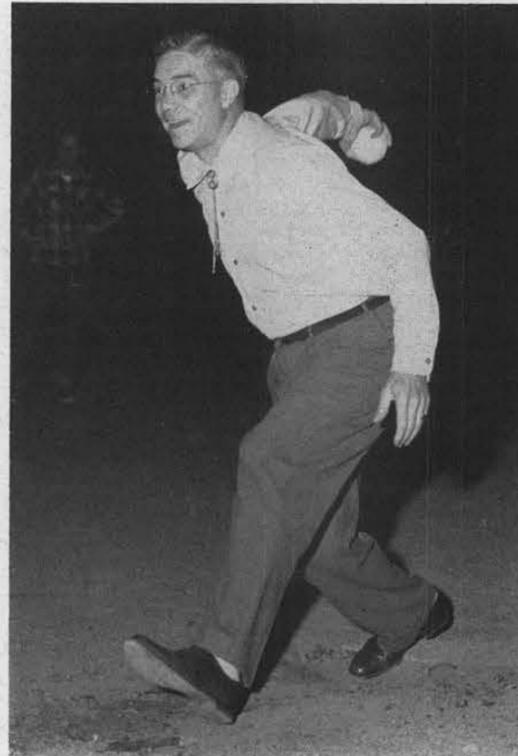
VIBROPLEX "Bug" telegraph key used once, for microphone of like value. Westgate, Alb. 6-2200, 7707 Leah Dr. NE.

COLT FRONTIER revolver and Zeiss binoculars for old pistols, revolvers or rifles. Smith, 8607 Menaul, Alb. 6-9493.

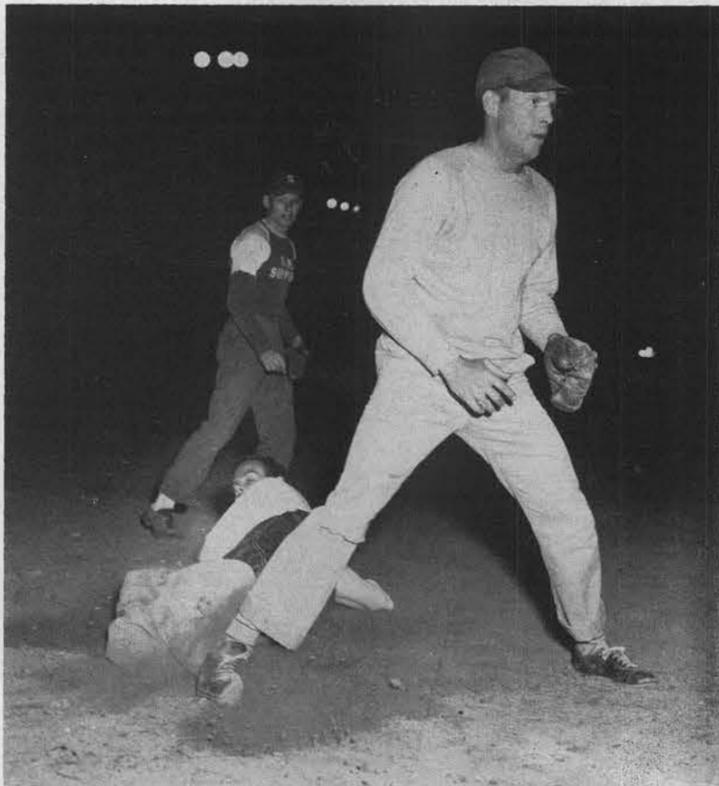
SIAMESE KITTENS, females for males. Corney, Alb. 5-1490.

FOUND—

MAN'S GOLD wedding band, near softball fields. Employee Services, Bldg. 829, ext. 26149.



Max H. Howarth —a smile, a pitch, the season opens—



Photos by Hodges. OPENING NIGHT action in "A" League softball play sees Bob Bailey of the Braves sliding into third, as Dodger Bill Wilkerson waits for toss from field. In background is Dodger shortstop, Carl McNeil.

Family Night

The English movie version of "Alice in Wonderland" will be the Family Night feature of the Coronado Club entertainment schedule next Monday, May 23. The movie will be shown at 7 p.m.

Free cokes and popcorn will be served to members and families.

Writes Article

B. N. "Chuck" Charles, 5133, is the author of an article which will appear in the June issue of the "Journal of Meteorology," bi-monthly publication of the American Meteorology Society. Chuck's work is entitled "A Note on the Annual Standard Deviation of Daily Pressure."