

THOR BOOSTER, with high altitude test vehicle on top, is readied for launch from Johnston Island.

LAB NEWS

VOL. 22, NO. 21

OCTOBER 9, 1970

SANDIA LABORATORIES · ALBUQUERQUE NEW MEXICO & LIVERMORE CALIFORNIA

50 Sandians Participate

High Altitude Test Vehicle Launched Successfully from Johnston Island

Fifty Sandians, participating in a test readiness exercise in the Pacific, came home recently after a successful launch of a Thor booster with a high altitude test vehicle from Johnston Island.

The launch is part of the national program authorized by Congress in 1963 after the nuclear test ban treaty was signed under which the AEC and Department of Defense are required to be ready to conduct nuclear tests in the atmosphere should they be deemed essential to national security. The U. S. has observed the test ban treaty since it went into force in 1963.

In the program just completed, no nuclear components or explosive warheads of any kind were used. Primary payload of the high altitude test vehicle (HATV) was a simulated device. In addition, the HATV carried a stellar x-ray experiment provided by Lawrence Radiation Laboratory, which scanned stellar x-ray sources.

Main purpose of the launch was to assure that the delivery system was capable of transporting a test device for detonation at a predetermined time and point in space.

The launch project was conducted by Joint Task Force Eight, a DOD-AEC or-

ganization reactivated for this purpose. The operation involved a total of about 250 personnel.

The HATV was designed and developed by Upper Atmosphere Projects Department 9220 under John Eckhart. Strong support was received from organizations throughout the Laboratories. Environmental testing was performed in Areas II and III during the development phase of the HATV.

Johnston Island is located about 700 miles southwest of the Hawaiian Islands. It is a coral atoll about two miles long and one-half mile wide. The Sandia project people spent six weeks there conducting preliminary tests prior to the launch.

Life on the atoll is "different." After the long work day, the Sandians fished, swam, skin dived, played tennis, sailed in the lagoon, golfed, played softball, read a lot, and improvised a "Mexican Luau." This was a social occasion with Murph Martinez (9221) as the chief chef preparing tacos, chile rellenos, frijoles, Spanish rice and hot chile sauce.

Ed Harley, supervisor of Device Carriers Division I 9225, writing before the operation was completed said, "It's a good life here even though there are none of the fairer sex on the island. The facilities are good and the work is the kind we enjoy doing. The attitude of the test group is to do a good job for all the Sandians who worked on the program but could not participate in the final launch."

ECP Drive Underway; Distribution Of Funds Announced by Committee

Group meetings of employees are continuing as the current Employees Contribution Plan drive gathers momentum. The drive will continue through Oct. 16.

Jack Merillat (3220), chairman of the ECP committee, reports, "Early indications are that we are going to have a successful drive with a significant increase in the number of fair share contributors. Our goal is still 100 percent participation at the fair share level."

A fair share is defined as one hour's pay per month. "Our Sandia people are knowledgeable about the work of the ECP agencies and the urgent need this year for more operating funds," Jack says. "Goal of the Albuquerque United Community Fund is \$1,450,000. In addition to the 32 UCF agencies, Sandians also contribute to eight national health and welfare agencies through the Employees Contribution Plan. A single drive combined with the convenience of payroll deduction is the best and most efficient method to meet these community needs."

Distribution of the ECP funds from the current campaign will be as follows:

United Community Fund	84.1%
Arthritis Foundation	1.8
American Cancer Society	3.8
Cerebral Palsy Association	1.2
Easter Seal Society	1.9
Cystic Fibrosis	0.8
Heart Association	3.0
Multiple Sclerosis	1.4
Muscular Dystrophy Assn.	1.5
Reserve Fund	0.5

Labs Engineer Elected to Office In PEI Group

Phil Owens (7616) has been elected regional vice chairman for the southwest region of Professional Engineers in Industry (PEI). The group is a section of the National Society of Professional Engineers.

The southwestern regional meeting of PEI is now shaping up under Phil's direction and is scheduled for Oct. 22. Initial session will be a luncheon at Western Skies on the 22nd at noontime followed by an afternoon session featuring speakers who will discuss issues vital to today's engineers. A tram ride and dinner on Sandia Peak are also planned for that evening. Contact Phil about other agenda items and about attending the meetings. All engineers are welcome.

A Testimonial

Emelia Vigil Endorses ECP Drive

Emelia Vigil (7532-1) has had a tough year. She has just returned to work after undergoing surgery last February. During her long convalescence she received therapy at the Rehabilitation Center, Inc., an ECP agency.

"I want to tell my fellow Sandians who support ECP that their money goes to worthy purposes and the people who benefit are truly grateful," Emelia says. "When I really needed help, I received help."

Emelia was born with a defect in a hip joint and the condition was complicated by arthritis. Surgery has corrected the problem but she still has to use a crutch. She's looking forward to throwing away the crutch and using a cane.

In the period after the operation, Emelia received therapy in the form of swimming exercises at the Rehab Center.

"They are wonderful people," Emelia says. "They worked with me for two months at the Rehab Center giving me instructions and, better yet, encouragement to keep trying. I didn't think I'd ever walk again."

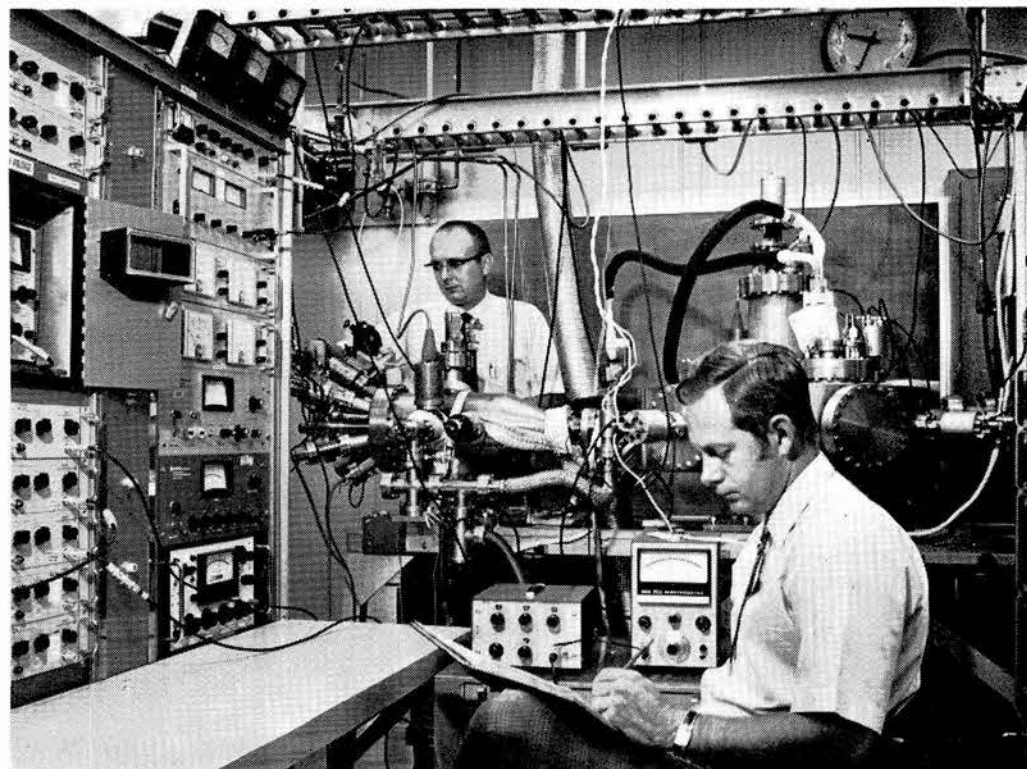
Emelia lives alone. For her visits to the Rehab Center, transportation was provided by the Easter Seal Society, another ECP agency.

"You get a feeling that people care," Emelia says. "I'm very grateful."

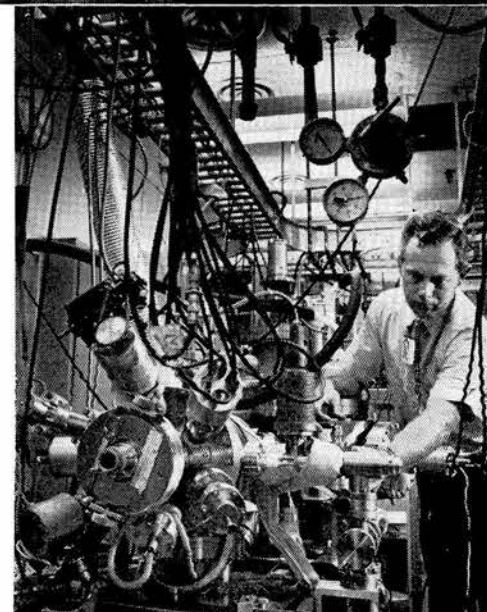


EMELIA VIGIL

—therapy from Rehab Center—

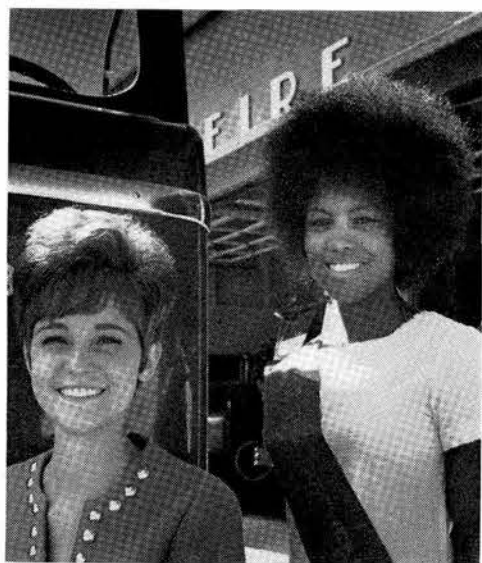


FAST ATOMIC BEAM FACILITY designed by Jerry Cuderman of Experimental Atomic and Molecular Research Division 5232 (above left), produces 10^8 to 10^{10} fast potassium atoms per second. Energy of the fast atoms is variable between 5 eV to 1 KeV. With Bob De-Zeeuw (5232), Jerry is currently measuring cross sections for ionization of fast potassium atoms interacting with crossed beams of nitrogen, oxygen, neon, krypton, argon and helium. In photo at right, Bob readies the accelerator for a data run. The accelerator is of the resonant charge transfer type.





FIRE PREVENTION WEEK activities on Sandia Base featured the appearance of the "Firettes" at meetings, inspections and drills. Glenda Daniels (3233), center, was Miss Fire Prevention Week. From left are Judy Roe, Linda Eriakson, Glenda, Janice Killian (3256), and Collen Johnson. (A close-up of Janice and Glenda is at left.) Division 4551 conducted a fire prevention meeting for all Labs fire captains Tuesday.



Group of Sandians Give Up Fishing; Work for YMCA

Since 1957 an informal group of 30-or-so Sandians have organized an annual fishing and camping trip to a wilderness area of New Mexico. This year, under the chairmanship of Bob Sonnenberg (1555) and John Anderson (1517), the group made an extra trip, sans fishing, and put in three days of construction work at the YMCA's Camp Shaver in the Jemez mountains.

Seventeen Sandians including retirees Frank Loomis and Charlie Olajos worked on the project—completion of an infirmary and nurse's quarters at Camp Shaver. Framing for the buildings was already up so they installed partitions, added insulation, put on the outside sheeting and generally worked on whatever needed doing.

The Camp Shaver facilities are enjoyed by about 600 boys and girls each summer, including some who are mentally handicapped.

Finishing material, particularly electrical fixtures, are still needed for the project. Anyone who would like to help is urged to contact Jim Ney (1532), ext. 2954.

Laser Studies of Atmosphere Big Thing in Jamaica

Jamaica, British West Indies, sounds like an improbable place for a technical conference, but the Third International Conference on Laser Radar Studies of the Atmosphere was held there, and the University of the West Indies, the sponsor, is probing the atmosphere with a very powerful laser amplifier system.

Murphy Landry (7211) presented a paper "Analysis of Beam Wander and Intensity Distribution Changes of a Lidar Laser" at the recent four-day meeting and also chaired a session on Effects of Turbulence and Attenuation on Propagation of Laser Beams.

The conference was attended by scientists from Germany, United Kingdom, Sweden, Brazil, Australia and Canada. "No shows" included representatives from Russia and Japan.

Applications Sought for Participants In 1971 Doctoral Study Program

The Doctoral Study Program, initiated at Sandia Laboratories in 1967, is again open to new applicants. Under the program, those selected remain on roll, at reduced salary, for the length of time required to obtain their doctorates. In its three-year history, 35 candidates have been selected and 12 have now completed their studies.

DSP candidates should be MS-level employees of exceptional merit and ability whose personal characteristics, past job performance, and academic history indicate high promise in Sandia work at the doctoral level.

The applicant should obtain written nomination from the director of the organization having a position in which there is a

need for the advanced degree. Also needed are documented admissibility to the university of choice, a proposed plan of study and a description of the proposed area of thesis research.

A candidate nominated but not selected for DSP earlier may reapply. However, re-nomination by director is required.

Application materials and additional information, may be obtained from Don Hosterman (3134), tel. 264-5862, or from James Smith (8214), Livermore tel. 477-2251. The DSP is more fully described in SCI 4558.

Nominations should be made as soon as possible to ensure availability of all required documents and information by mid-December 1970.

Take Note

Ed Stang (9241) shot a hole-in-one golfing at Arroyo del Oso course Sept. 16. He used a five-iron to score the ace on the 173-yard number four hole.

"Relative Energy Band Calculations" will be presented by John Van Dyke (5151) at the Staff Seminar Tuesday, Oct. 13. T. J. Tucker (5133) will discuss "New Developments in Spark Detonator Studies" at a meeting Oct. 20. The seminar meets on Tuesdays at 8:30 a.m. in rm. 201 of bldg. 806.

Postcards are now available in Employee Services, bldg. 832, for Sandians wishing to take part in the current appeal for release of American servicemen imprisoned or missing in action in North Vietnam. The cards will ultimately be delivered to the North Vietnamese government and carry an expression of concern about the POW's as well as space for the sender's name and address.

Ice hockey is a fast, wild kind of game and a natural for energetic young boys. Chuck Clendenin (9411) and Jim Caudell (7623) are now organizing youthful teams for the coming season and are anxious to recruit new players (who need not be experienced). The three divisions are Pee Wee, 6 to 9; Bantam, 10 to 13; and Midget, 14 to 16. A hockey clinic is planned, and registration for this and for the season itself takes place on Oct. 17 and 24. Safety gets big emphasis. This will be the sixth season for the enthusiasts, who operate under the New Mexico Amateur Hockey Association.

Sandia Joggers: Take Note

Sandia's many joggers will take heart from this recent account of an aging jogger in "Runner's World."

"... there was Ted Corbitt's brilliant run in the British London - to - Brighton classic. Corbitt, only a few months away from his 50th birthday and a lonely crusader in ultra-long distances for years, went the 52½ miles in 5:38:11, and placed second."

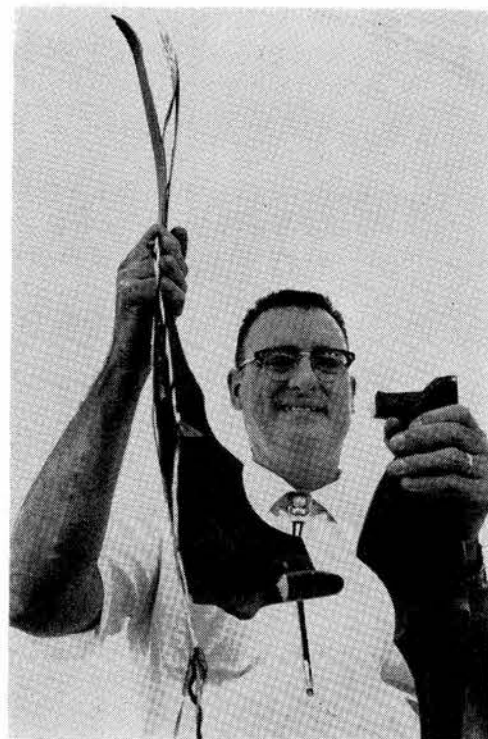
Now that works out to an average of 6:20 per mile, which is a pretty respectable pace. If you care to follow in his footsteps, Corbitt's training regimen for the race included an 83-mile trot around Manhattan in street shoes.

Also described further on is a 50-miler in which "... the irrepressible Walter Stack, 62, ... who refreshed himself with cans of beer during the last few laps of the race (and) ran 7:24:10."

Perhaps Sandia runners should sponsor an Albuquerque to Santa Fe jaunt?



TICKETS to the Albuquerque Chapter of the United Nations Association UN Day banquet are on sale by Ada Jane Akin, chapter treasurer. The dinner will observe the 25th anniversary of the founding of the United Nations and will be held Oct. 23 at 6 p.m. in the UNM student union building ballroom. The public is invited. The guy with the smile (minus \$5) is Sol Buchsbaum (5000), Ada Jane's boss.



SAFETY GLASSES SCORE AGAIN—Alan Swain (1644) got a smart slap in the face when his 45-lb. hunting bow snapped at full draw. The broken bow bent his safety glasses but did not break the lens. His eyes are in good shape for deer hunting season but he sure needs a new bow.

Letters Big Corporations Just Don't Hardly Get Anymore

(from Betty Joe Turrietta, a summer hire under the Youth Opportunity Program)

"Dear Editor: "This past Summer I was hired under the Youth Opportunity Training Program. It was a tremendous experience, not only in learning the procedures of a well organized corporation but also in meeting many friendly and helpful people.

"I would like to give special thanks and recognition to the organizations that I worked with this summer. They are: the motor pool, Orgs. 3428, 1611, 1610, 1613, 1612 and 1600.

"It would be impossible to list the names of all the individuals in each of these organizations, so, I grouped the whole wonderful group together.

"It was a very rewarding summer, and I would like to thank the YOT coordinators for selecting me as a YOT for summer 1970.

Sincerely,
Betty Jo Turrietta"

Well, thank you Betty Jo and we hope you come back.

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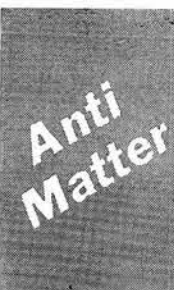
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DICK WILSON © 1969

Sandia Livermore Co-Hosts Affirmative Action Workshop

The semi-annual AEC Affirmative Action Conference was jointly hosted by Sandia Laboratories, Lawrence Radiation Laboratory, and the Stanford Linear Accelerator Center Sept. 14-17 at the University of California, Berkeley. Bill Ormond of Personnel Services and Compliance Division 8217 represented Sandia on the planning committee, and coordinated the registration and agenda items.

The conference brought together over 100 personnel managers and equal employment opportunity and training representatives from facilities throughout the AEC complex. Attending also were various representatives of economic opportunity programs in the Bay Area.

Purpose of the conference was to share and exchange information, ideas and know-how that would promote the furtherance of equal employment opportunity and stimulate affirmative action programs. Workshop sessions were held on such topics as sensitivity training for supervisors, Spanish surnamed employment (cultural aspects), employee orientations on affirmative action, affirmative action advisory committees, and employee upgrading.

Keynote speaker at Tuesday's dinner meeting was Commissioner Vicente Ximenes of the Equal Employment Opportunity Commission in Washington, D. C. He presented an overview of the Mexican American in discussing problems encountered by them in employment seeking and assimilation into today's society.

Other featured speakers included H. T. Herrick, Director of the Division of Labor Relations, AEC/Wash., and M. A. Bowden, EEO program representative, also AEC/Wash.

Speakers from the minority community

were Prof. Bea Medicine of the Department of Anthropology at San Francisco State College; William Chin, Chinatown Task Force of San Francisco's Youth for Service; and Otho Green, president of Pacific Training and Technical Assistant Corps. Speaking for women's rights was Eileen Hernandez, president of the National Organization of Women (NOW).

Those attending from Sandia/Livermore were Hilt DeSelm (8200), Bob Gaeddert (8210), Shirley Carson (8322), Evelyn Foote (8217), Alice Loveless (8273), and Dorothy Schroeffer (8251).

Sandia/Albuquerque attendees included Dave Tarbox (3200), Harvey Brewster (3233), Bill Garcia (3233), Lorella Salazar (3433), and Tony Toya (4611).

Congratulations

Dale Ahlstrom (8332) and Mary Hodgson (LRL) married in Reno, Nev., Sept. 22.

Don Kasberg (8274) and Pat Oliver married in Livermore, Sept. 5.

Mr. and Mrs. Mike Birnbaum (8352), a son, Jeff Alec, Aug. 20.

Mr. and Mrs. Paul Coronado (8331), a daughter, Laura, Sept. 25.

Mr. and Mrs. Marty Murphy (8352), a daughter, Laura Colleen, Sept. 24.

Mr. and Mrs. Dick Silva (8257), a daughter, Nichole Lynn, Sept. 26.

Sympathy

To Pat Carothers (8275) for the death of her mother in Hayward, Sept. 10.

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Take Note

Bruce Held of Safety Engineering and Environmental Health Division 8263 was one of the speakers at an "environmental teach-in" sponsored last month by the Livermore Junior Women's Club, the Valley Ecology Center, and Valley Planned Parenthood. Bruce, a member of the California governor's Environment Quality Study Commission, discussed "Air Pollution and Current Legislation." Object of the teach-in was to get people to participate in the solution of local environmental problems.

Larry Weirick of Metallurgy Division 8312 presented a technical paper at the fall meeting of the Electromechanical Society held in Atlantic City, Oct. 5-8. His paper was titled, "The Effect of Stress on the Low Temperature Oxidation of Niobium."

The Sandia Twilight Golf League ended recently after 17 weeks of play by 105 Sandians at the Las Positas Golf Course. The 22-team league, divided into two flights, competed in match and medal play each Wednesday evening. Members of the winning teams were: American Flight—John Barnhouse (8271), Ken Dolan (8341), Walt Dzigan (8212), and Bill Ryan (8264); National Flight—Al Alford (8271), Jay Jost (8271), Mike Lovato (8257), and Herman VonSteege (8271). Individual honors went to Don Skinrod (8136) and Roy Tackett (8153) for first and second best won/lost record, respectively.

Livermore Festival '70 Set This Weekend

This weekend marks the second annual Festival of the Arts in Livermore. Tomorrow from 10 a.m. to 11 p.m. and Sunday from 10 a.m. to 6 p.m. at the Recreation Center, 8th and H streets, a continuing demonstration and exhibition of the various arts are being sponsored by the Cultural Arts Council, City of Livermore and the Livermore Area Recreation and Park District.

Bringing together music, art, drama, dance and 40 or more art-in-action demonstrations, the festival is offered free to the community as a showcase for cultural activities.

A new addition this year will be a Children's Art Center, open from 10 a.m. to 5 p.m. both days, where youngsters will have a chance to experiment with clay, wood sculpture and easel painting, and enjoy entertainment by clowns, magicians, puppeteers and folk singers.

Several hundred artists and craftsmen, as well as individuals representing an unusual variety of interests within the Valley, will be exhibiting. In addition, performances are scheduled by the Symphony, Civic Chorus, Opera Association, Cask & Mask drama group, Valley Concert Association, and Singout Livermore.

Plan to attend and share in your community's activities.



Computers Are For Kids?

So it seemed when Sandia/Livermore opened its new underground computer facility recently to families of employees whose work is computer related.



MIKE LEVESQUE spent hundreds of hours restoring these two classic Cadillacs. The '39 at left, a formal sedan with 144 inch wheelbase,

weighs 5700 pounds. The '37, right, is smaller but has the same model flathead V8 135 hp motor.

Old Cads Never Die

Mike Levesque Restores Classic Cars

Two big and luxurious cars — a 1939 and a 1937 Cadillac — gleam in Mike Levesque's (7514) driveway. Fully restored after hundreds of hours of work, the cars represent a considerable investment in time and money.

"You don't make money when you are a classic car nut," Mike says. "Hopefully you can rebuild one, sell it and finance the next one."

Mike has owned a 1925 Chevrolet pie-wagon, a 1927 Cadillac, two 1934 Cadillacs, and a 1947 Rolls Royce in the past few years. But the present two Cadillacs are Mike's best efforts to date.

"A classic car is any car built before WWII (with the exception of the Lincoln Continental) which had limited production and some custom work. Both of the Cadillacs fit this definition. A collector tries to restore the machine as closely as possible to its original condition. Like paying \$125 for an original bumper or \$10 for an orig-

inal cigarette lighter or radio knob — if you can find them."

The 1939 Cadillac is complete in all original coach appointments — foot cushions, foldout-bar, original carpet, etc. The upholstery has been replaced, but the car is about as close to its showroom state as you can get. "It's what you would call a 'good' restoration," Mike says. "Not mint, but good."

Mike bought the car in Mountain View, Mo., two years ago and drove it back to Albuquerque. "That was a trip. When I got back, the electrical system was burned out, the water pump gone, generator out, radiator leaking, exhaust pipes gone, only the motor and battery kept me going."

Mike tore the car down to the chassis, cleaned it to the bare metal, and completely rebuilt it. Then he painted it with 17 coats of imperial green lacquer, the original color.

Ever since, the '39 has seen daily service

as the family sedan. It is called a "formal sedan" — four doors with a wheel base of 144 inches and a total weight of 5700 pounds. The flathead V8 engine displaces 325 cubic inches, develops 135 horsepower.

The same engine is in the 1937 Cadillac. This is a smaller car, however, and production of this particular model was greater.

Mike bought the '37 in California and had it trucked to Albuquerque. Mechanically it was in better shape than the '39 but required more body work and extensive work on the front end. Another hand-rubbed paint job finished the restoration.

"I enjoy the search for a really good classic car, and I enjoy the bargaining to buy it," Mike says. "Then the hours I spend working on it are my recreation. Some guys play golf. Old cars are my thing. Then when the job is finished — well, it's fun to drive, there's the satisfaction of good craftsmanship, and you have a pretty good investment."

Mike shares his enthusiasm with classic car hobbyists throughout the country. He is regional vice president of the Veteran Motor Car Club of America and is currently involved with an upcoming convention of the group in Albuquerque.

Are Those Snow Flakes? Coronado Ski Club Is Ready

To skiers part of the fun is in talking about skiing and ski equipment. At any rate the Coronado Ski Club will get an early start by holding its first meeting of the season Tuesday, Oct. 20, at 7 p.m. at the Coronado Club.

The program includes two movies, "Ski Moebus Flip" and "Olympic Skates and Skis," and a talk by Ben Abruzzo, manager of Sandia Peak Ski Area. Refreshments will be free.

The club plans monthly meetings through March, each with special entertainment, and discounts will be available for members on ski lift tickets and lessons.

As in previous years, the club will continue to sponsor week-end trips by charter bus to local ski areas. Tentative plans are underway for a Dec. 12-18 trip to Snowmass-at-Aspen (snow conditions permitting). Details of the trip will be discussed at the meeting.

Membership in the Coronado Ski Club is open to any member of the Coronado Club with an interest in skiing. Ski club dues are \$1.50 per person yearly or \$3 per family.

Officers for this year are Walt Murfin (1715), president; Walt Westman ((7414), vice president; and Dave Drummond (4116), treasurer.

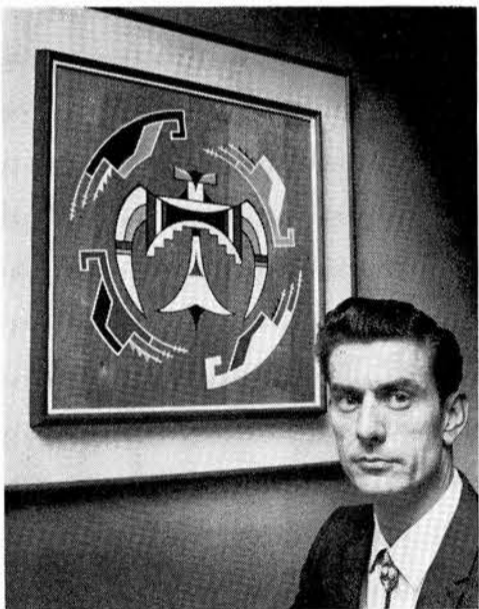
Authors

J. R. NiCastro (9114), "Similarity Analysis of the Radiative Gas Dynamic Equations with Spherical Symmetry," Vol. 13, No. 8, PHYSICS OF FLUIDS.

R. G. Easterling (1643), "Variables Versus Attributes," May issue, IEEE TRANSACTIONS ON RELIABILITY.

P. C. Lysne (5133), "A Comparison of Calculated and Measured Low-Stress Hugonits and Release Adiabats of Dry and Water-Saturated Tuff," Aug. 10 issue, JOURNAL OF GEOPHYSICAL RESEARCH.

L. W. Bickle (7342), "The Response of Strain Gages to Longitudinally Sweeping Strain Pulses," August issue, EXPERIMENTAL MECHANICS.



ROSCOE CHAMPION
— colorful designs on wood —



JERRY DURRIE
— realistic portraits in oils —

On Display in Bldg. 802

Sandia Artists Like Indian Subjects

The work of two amateur Sandia artists now decorating the display area in the foyer of Bldg. 802 is drawing much comment. The two artists, working in different media, have a common theme—Indians.

Jerry Durrie (1523) likes to do realistic portraits of Indians in oil. His faces are from the past—images of proud people taken from the history books that are the source of authentic detail in his paintings.

Jerry has been painting only about five years. After watching a friend working on a by-the-numbers painting he became interested, did one by the numbers, but since then has created his own pictures.

In addition to the Indian portraits, Jerry also paints landscapes and portraits of children.

Roscoe Champion (1211) produces original designs combining the geometric elements of Indian sand paintings, rug patterns, and costume decorations. He has been interested in Indian culture since he was a Boy Scout, and this strong interest was one of the reasons he came to Albuquerque.

Roscoe paints on wood. The unique feature of his work is that designs are rendered intaglio, that is, recessed below the surface. He perfects his designs on paper using standard drafting tools, then transfers it to the wood by punching guide cuts through the paper onto the wood. Wood carving tools are then used to follow the tiny cuts. After carving, he meticulously paints the wood with colors very close to those Indians use in sand paintings, pottery and rugs.

The paintings will be on display for another two weeks.

Support Candidates of Your Choice— Throw a Political Rally in a Park

You're interested in how a democracy works, but you don't want to run for a political office. You want to be involved and you want others to be involved, but what possibilities are there, given limited time and facilities?

Al Winblad (1753) has found one solution—he has organized a political rally to acquaint people in his neighborhood with some of the candidates in the November election. His rally will be held Sunday, Oct. 11, from 2-4 p.m. at Montgomery Park (San Mateo and Comanche NE).

"I felt it was a way for the voters in my area to meet the candidates, shake hands, and ask a couple of questions," he explains.

He first contacted a ward official to see if any people were interested in the idea. About a dozen were. "In fact, many people have said they had hoped someone would organize a get-together and were more than willing to help," Al says.

Next he called the City Police and the City Parks office to get their approval — both were very cooperative.

When Al first contacted the major candidates of his party, none would give a definite commitment, but in the past two weeks all of them have agreed to be there. Candidates for the state legislature will also be on hand.

During the past week Al and his helpers have been arranging for a local band to play and a girls' gymnastic team to perform. They've lined up a truck to serve as a speakers' platform and a portable public address system.

When Al became interested in politics about two and a half years ago, he had never attended a ward meeting. As a delegate to the state convention of his party, he found that the democratic process does work.

"With the rapid changes in our culture, I feel it is extremely important that the people be convinced our leaders and potential leaders are concerned about our problems," he says. "This is especially true in a low-population state—such as ours—where politics can be and should be a more personal thing."

So that is why Al organized a political



Al Winblad (1753) has organized a political rally to be held Sunday afternoon at Montgomery Park, to acquaint his neighbors with some of the major political candidates.

rally in a public park. The rally may attract several hundred persons—or maybe even 1000. "Whatever your party, our political system works best when you take an active role in it. That's what this rally is all about," Al concludes.

Variable Annuity Unit Value

October 1, 1970	1.392
September 1970	1.331
Average 1969	1.697

Promotions

Richard Orzel (7452) to Staff Assistant Technical
Profeso Padilla (4363) to Transportation Analyst
C. L. Pedroncelli (2315) to Lab Assistant
William Roady (9342) to Staff Assistant Technical
Stanley Roeske (9214) to Member of Technical Staff
William Ryan (4221) to Glass Technician
Federico Salas (4514) to Laborer
Jesus Sanchez (9411) to Computer Facilities Clerk
Paula Stronach (7632) to Reprographics Composer
Maurice Tobyas (4211) to Staff Assistant Technical
Jesse Watts (8256) to Shipping and Receiving Clerk
Robert Lale (7632) to Reprographics Composer

Service Awards

20 Years

Speakers



Manuel Aguilar
4623



Luciano Archuleta
3520



Henry Austin
4511



Robert Beyatte
7225



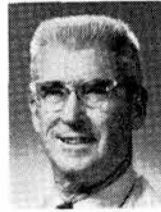
James Birchfield
6021



Arvin Brown
7422



Richard Carpenter
7326



Guy Coburn
2300



Benjamin Cordova
4518



Laverne Dourte
4231



John Foster
1612



Clifford Hiner
3520



James Jordan
1522



Carl King
3521



Ramon Lucero
4518



Raymond Moery
4511



Dale Peckum
4513



Ernest Peterson
3220



Joseph Ralls
7422



Billie Rogers
4511



John Tenbrink
1523



Eulalio Trujillo
4233



Fermin Vallejos
4514



Glenn Wright
4213



Karl Zimmermann
7434

J. Lipkin (5165), "Experimental Technique for Determining Material Properties at Very High Heating and Loading Rates," Symposium on Advanced Experimental Techniques in the Mechanics of Materials, Sept. 9-11, San Antonio, Texas.

J. M. Hueter (3134), "Creativity—Choice or Chance," Federal Government Accountants Association, Sept. 10, Albuquerque.

15 Years



Betty Brake
1543



John Callahan
4337



Howard Johnson
4513



Vince Peterson
8257



Charles Randall
4614



Scotty Romine
8263



John Stanfill
3452



Henry Williams
4212

10 Years

Lillian Funk 8275, Mildred Austin 3256, James Freese 5224, Michael O'Bryant 7651, John Jesse 8257, Mo Robert 8257, Kenneth Deller 9124, James Wright 9213, and William Nelson 9427.

P. J. Roache (9343), "A New Direct Method for the Discretized Poisson Equation"; L. D. Tyler (9343), "Heuristic Analysis of Convective Finite Difference Techniques," Second International Conference on Numerical Methods in Fluids Dynamics, Sept. 14-19, Berkeley, Calif.

C. N. Vittore (5231), "Electromagnetic Pulse Phenomena," DASA Test Command University, Sept. 3, Albuquerque.

I. G. Waddoups (9522), "Effects of Load Conditions on Long Term Radioisotope Thermoelectric Generator Operation"; E. F. Johnson (1613), "Metal Gas Filter for High Temperature Venting Applications," 1970 Intersociety Energy Conversion Engineering Conference, Sept. 20-25, Las Vegas, Nev.

W. F. Hartman (1548) and W. K. Ream (7261), "Underwater Acoustic Imaging: A Feasibility Study"; S. G. Varnado (7261), "Calculations of the Signal/Noise Ratio in Underwater Optical Heterodyne Detection Systems," First International Conference on Engineering in the Ocean Environment, Sept. 21-24, Panama City, Fla.

R. U. Acton and J. A. Kahn (both 5322), "Thermal Diffusivity—A Multispecimen, Automatic Data Reduction Facility"; J. A. Corli (5322), "Concerning the High Temperature Thermal Conductivity of Carbon Foams," 10th Annual Conference on Conductivity, Sept. 28-30, Boston.

of Four Special Use Weapons by Sandia Laboratories," ARPA Cirads 4 meeting, Sept. 15-17, El Paso.

J. E. Mitchell and N. S. Hey (both 3431), "Selling the Science Story," Society of Technical Writers and Publishers, Sept. 18, Albuquerque.

Bomb Explodes Two Blocks From Sandian in Jerusalem

Glen Kepler (5510) wasn't on a plane that was hijacked, but he was in the right part of the world at the right time for such a happening.

"The most excitement occurred when a bomb exploded in a restaurant in East Jerusalem only two blocks from where my wife and I were having dinner," he says.

Glen just returned from Israel where he presented two technical papers during the Second International Symposium on Organic Solid State Chemistry, held at the Weizmann Institute of Science in Rehovot (about 15 miles from Tel Aviv). The papers were "Electron and Hole Generation in Anthracene Crystals" and "Energy Transfer in Doped Organic Crystals." Richard Powell (5514) co-authored the latter.

A three-day tour for attendees following the four-day conference gave the Keplers an opportunity to stay overnight in a "kibbutz" and to swim in the Sea of Galilee.

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CLASSIFIED ADVERTISING
Deadline: Friday noon prior to week of publication unless changed by holiday.
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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 Laboratories and AEC employees only
6. No commercial ads, please
7. Include name and organization
8. Housing listed here for rent or sale is available for occupancy without regard to race, creed, color, or national origin.

FOR SALE

MISCELLANEOUS

GOLD vinyl 4-piece sectional, \$85. Bickel, 268-3203.

TV, Zenith model A4509W w/23" Chromacolor picture tube, bought in June '70; bargain for quick sale. Blair, 265-2361 after 6.

FIREPLACE screen w/bottom fenders, satin brass finish, recessed mounting, 24" high, 35-39 wide, unused, \$26. Caffey, 296-3320.

SMITH-CORONA & Royal portable typewriters; port. sewing machine; electric hair clippers & attachments; steam iron; bathroom scales. Kennedy, 298-4603.

POST VERSALOG slide rule, leather case, hard bound instruction book, \$15. Shepherd, 255-2396 after 6.

AUTO air conditioner, \$25; Coax switch, 6 pos., \$10; Onan generator, 12 V DC, 30 amp, \$20; McIntosh amp, 20 watt, \$10; 4-1000 tube, \$25; 2 ea. 872A tube, \$5. Snyder, 268-0679.

GOLF CLUBS, wood, 3, 4, 5, 7, 9; SW putter, \$15; golf shoes, \$9. Mason, 299-2836.

16' HYDRODYNE ski boat w/70hp Merc. & home-built trailer, \$1100. Greenwood, 298-5268.

MYNAH BIRD w/cage, ready to talk, \$65. Wood, (1)-636-2584.

AKC Toy Poodle, 8 wks. old. Allen, 344-8671.

ANTIQUA Tiffany-type lamp, \$115; oak corner cupboard, \$300. Thunberg, 898-0863.

KAESTLE Grand Prix fiberglass skis, 205 c.m., new, never used, \$125; one pair Dual taper poles, used, \$8. Kavet, 299-1793.

CEDAR CHEST, \$20; picnic table & benches, \$20; spice rack, \$5; 3 framed paintings, dbl. bedspread, \$5 ea. George, 299-9101.

.41 MAG. RUGER Blackhawk w/holster, belt & box of ammo, \$89; coffee table, walnut, \$25. Husa, 298-3335.

WINCHESTER model 70 .270 w/shells & scope blocks, \$95; Winchester model 12 12 ga. w/ Weaver choke & shells, \$100. Mattox, 296-4149.

23" TV, Early American cabinet, need picture tube, \$25. Eaves, 299-7728.

NELCO sewing machine, new, paid \$342.75, fully auto., 64-stitch patterns, sews buttons, sell for \$200 or best offer. McDonald, 268-9064.

REBUILT 26" bicycle for male adult; 1 pt. & 1 qt. Stanley stainless steel thermos bottles; car top carrier. Littell, 255-2716.

TIRES: two 6:94-14 w/w. never patched, good tread left, \$5 ea. Duvall, 299-8744.

CARRIER FURNACE, 100,000 BTU, counter-flow type, w/thermostat, \$100. Gelder, 298-8960.

COMPLETE MG 950 engine w/starter & clutch, needs a few parts, otherwise in running condition, \$45. Martin, 282-3794.

PIANO, spinet, light walnut, Howard built by Baldwin, \$495. Coleman, 299-2377.

SOFA, burgundy color, makes into a twin-size bed, plus matching chair, set for \$75. Metcalf, 296-2897.

DBL. BED, Sealy Posturepedic; dinette table & chairs, glass top. Lundergan, 255-2974.

MATERNITY: dress, slacks, jumper, sizes 14-18; back brace w/garters, sz. 36-38E. Smith, 265-5447.

POODLES, Toy, males, female. AKC reg.; misc. electronic junk. Johnson, 298-7356.

FOUR 5:95-15 tires/wheels VW bus, \$30; 2 overload type shocks w/springs, \$5; 2 AC electric motors, \$5 ea. Campbell, 268-8445.

TIRES: 6:45-14 bw, 4 w/3500 miles, 1 new w/4-bolt wheel for Maverick, some Mustang, Comet & Falcon, \$50 for all. Leisher, 282-5258.

FOUR tanned deer hides, \$20; Rem. 66 auto. .22, \$35; Daisy pump BB gun, \$5. Klett, 298-7892.

KENMORE gas range, full size. Riley, 299-3163.

30.06 RIFLE, \$55. Sanchez, 344-8212 after 6.

IRONER, \$35. Minor, 299-6302, 1114 Field Dr. NE.

LOWREY electronic organ, 2 keyboards, bass pedals, plenty of stops & effects, \$800 or make offer. O'Neill, 255-6355.

ERECTOR SET, geared motor; Spirograph; Digicomp binary computer; child's rocking chair; 12-lb. bowling ball w/bag; size 3 ghi. Sasser, 298-1439.

SCUBA GEAR: tanks, regulators, wet & dry suit, misc. small items, entire package or will sell individual items. Baughman, 299-3785.

6 METER STATION, HQ110, 50w xmtr, power supply, beam, \$125 complete or any part, cash or trade. Baker, 898-2514.

TROMBONE, Bundy, \$75. Swysgood, 256-2939.

AKC yellow male Lab., fully trained, excellent retriever, \$100. Jelinek, 298-8397.

GE WASHER & electric dryer, \$90. Minter, 256-9225 after 5:30.

STUDENT TROMBONE, \$50 Thompson, 298-8954.

312 BD FT. 1x8x12 #3 lumber, \$35; 4 sq. white strip shingles, \$15; 7 qt. pressure canner, \$15. Brinegar, 299-7887.

BABY BUGGY, \$12; girl's ski jacket, \$8; toys; lg. record/magazine rack, \$5; B&W 21" TV, needs work. Mullin, 298-9060.

BICYCLE, Schwinn 3-spd. w/accessories, used very little, \$40. Touryan, 265-2284.

CUSTOMIZED CHOPPER BICYCLE, bright orange frame, extended fork, sissy bar, hand brakes, 3-spd., \$25. Frauenglass, 265-7372 after 3.

AKC BOXER PUPPIES, fawn. Miller, 344-7725 after 5:30.

GARAGE SALE: cameras, chain, electronic parts, push mower, shoes, clothes, other good stuff, 11721 Copper NE. Kyzar, 296-4308.

'70 HONDA 350SL, 950 miles, extras, \$750. Yuhas, 268-5580.

REMINGTON Civil War revolver; Maynard rifle; Pepper box pistol; old Winchester rifles, will trade. Zaluga, 344-1564.

ZENITH Arlberg metal skis, 200 cm, Italian Cubco bindings, \$40; Nordica ski boots, leather, 5-buckle, men's 9 medium, \$15. Keeling, 255-2943.

R60US BMW motorcycle. Gardner, 299-8455.

BABY CRIB w/mattress, white, 6-yr. size. Oliveira, 298-0657.

RIFLE, 8mm Mauser w/scope, \$60 or trade; child's saddle, \$25; wood cook stove, \$40; boy's 20" bike, \$15. Harrington, 296-6707.

26" WOMAN'S Schwinn bicycle, \$16. Johnson, 255-5427.

KENMORE auto. washer, running order, \$25; 2 bunk-size mattresses & 2 bunk-size low boys, \$25 complete. Gravin, 268-6579.

CESSNA SKYLANE, 1960, licensed through Sept. '71, 160 SMOH, dual navcom (360), mechanically perfect, \$9000 value, will sell all or part. Church, 268-3590.

CHILDREN'S, teenagers' clothes, all sizes, all seasons. Marsh, 243-2767.

SOLID MAPLE console Packard-Bell TV, convert to liquor cabinet or other storage. Newman, 256-3295.

KASTLE 210cm down-hill skis, \$45; Coldspot refri., \$35; dinette table, \$15; elk antlers mounted on walnut plaque, \$20. Brassell, 268-0542.

BED, springs, & mattress, single, solid cherrywood, colonial style, wooden rails, \$35; banjo, 1920 vintage, Slingerland, \$75. Young, 296-1963.

TV, 17" Sylvania console, needs some repair, \$20; 2 General tubeless 4-ply snow-mud tires, worn, \$5 ea. Bassett, 898-1840.

FREE: 2 male puppies, mother is a Weimaraner, father a German Shepherd, cute, lovable & friendly w/children. Hawbaker, 268-1625.

METAL COVERS for evaporative air cooler, 4 panels 26 1/2" wide by 29 1/2" high. Widenhofer, 298-2510.

BOY'S 30, girl's 24" bikes, \$17.50 ea.; 6-drawer chest, \$20; 2 Early American bar stools, \$20. Rigby, 298-1767.

CARS & TRUCKS

'62 CHEVROLET Impala, 327 engine, 4-bar. carb., new tires, \$595. Harper, 298-0146 after 5:30.

'63 FORD Galaxie 500 4-dr. sedan, PS, PB, AC. Randall, 299-3935.

'60 CORVETTE, 4-spd. 327, both tops, maps, new tires, AM-FM stereo tape deck, \$1350. Larsen.

SELL OR TRADE: '67 Chevrolet pickup, lwb, 292 engine, 4-spd. Patterson, 877-3158.

'66 MERCEDES BENZ 230 SL, PS, PB, AC, AT, transistorized ignition, Michelin tires, radio. Cundiff, 256-0043.

'63 PONTIAC Catalina 4-dr., fully equipped, see complete maintenance record; new brakes-muffler-shocks-AAMCO trans., \$600 cash. Sherwin, 344-1911.

'56 CHEV, 4-dr. sedan, \$200 or best offer. Benson, 268-9727.

'65 PONTIAC Tempest station wagon, AT, R&H, PB, \$600. Barnaby, 3917 La Hacienda Dr. NE, 265-4353.

'58 WILLYS JEEP pickup, hubs, radio, towbar, 4 new snow tires, 6-cyl. engine, \$750. Aubuchon, 877-2257.

'67 MUSTANG GTA Fastback, AC, PS, AT, low mileage, \$1650. Hueter, 842-5482 after 5.

'67 BONNEVILLE 4-dr. HT, almost new tires, loaded. Anderson, 268-4188.

'58 INTERNATIONAL TRAVELALL, 4-wd, PS, 3-door. Souder, 282-3121.

'69 DODGE Charger 500, book wholesale \$2150. Davis, 268-0724.

'68 FORD Custom 500, R&H, AT, below book, \$1375. Browne, 344-9873.

REAL ESTATE

5 ACRES wooded, \$600/acre, 20 mins. from city limits. Connolly, 298-8858.

2 1/2 ACRES in Edgewood, north of Hwy. & 3/4 mile east, water & elec. available. Allen, 265-1837.

SAN GABRIEL VILLAGE, 4-bdr., pan. den w/tp & wet bar, drapes, DW & disp., \$31,000. Hole, 296-1268.

WANTED

TWO season tickets for Lobo basketball or will buy unwanted tickets to individual games. Gibbs, 282-3639 after 6.

USED 3-speed bike, even in unusable condition; also used parts for 3-speed bikes. Chandler, 296-3323.

'58 S&W Special revolver, excellent condition; cider press; tons of rotten hay or alfalfa for mulch. Maak, 265-4754.

CONTRACTOR-TYPE wheelbarrow. Overbury, 255-7788.

JAPANESE & German rifles, knives, swords, daggers & medals, will pay cash. Smitha, 299-1096.

POOL TABLE. Houghton, 299-3386.

BOY'S bike, full-size. Colgan, 344-3776.

BOY'S hiking boots, size 6 1/2 or 7. Nelson, 255-2364.

PORTABLE air compressor, 2.5 CFM or better; collet set for 9" Southbend lathe. Laskar, 299-1024.

FOR FLY YING—one each hide with hair, antelope, deer, elk. Westman, 255-6048.

PAIR OF SKIS, Head 360 or equivalent, 205 cm. Leeman, 299-9149.

ICE SKATES, girl's size 6 or 6 1/2. Nelson, 298-1136 after 6.

FULL TIME supervisory care for ambulatory woman in her 60's. Adams, 296-6614.

THREE-SPEED girl's 26" bicycle. Hagan, 282-3696.

VW pickup. Shunny, 265-1620.

FOR RENT

UNFURNISHED HOUSE, 3-bdr., 2 full baths, landscaped, SE area, \$175/mo. Schuster, 255-9833.

GARAGE single car on alley near UNM, good storage for car, boat, etc., \$10/mo. or \$100/yr. Hueter, 242-1620.

ROBERTSON 3-bdr., 1 1/4 bath, corner Shoshone & Eubank, no builtins, \$185/mo. Wentz, 298-2630.

LOST AND FOUND

LOST—2 keys in blue case, keys on ring for file cabinet, Rx sunglasses w/ig. dark frames, grey plastic lunch box w/2 thermos jugs, Rx glasses w/black frames in brown alligator case, white gold wide band circle earring, red Schwinn 3-spd. bicycle, 27555 case. LOST AND FOUND, tel. 264-2757, Bldg. 832.

FOUND—2 house keys on chain w/fish emblem, lg. silver loop earring. LOST AND FOUND, tel. 264-2757, Bldg. 832.

Wich way to der Coronado Club Octoberfest?

Outsight Red Baron!



Dorothy Mannheim (1711)

Events Calendar

- Oct. 9-12—"After the Rain," University of Albuquerque theater, 8 p.m.
- Oct. 9—Dance and entertainment to benefit CAMBIO (Corporation in Action for Minority Business and Industrial Opportunity), 9 p.m., FOP Hall.
- Oct. 10—Community Concert Series presents "Bayanihan Philippine Dancers," Popejoy Hall.
- Oct. 11—Broadway musical, "George M!," Popejoy Hall.
- Oct. 13—Jan Murray, San Felipe Church benefit, Civic Auditorium, 8 p.m. For information, 243-1049.
- Oct. 16—UNM Orchestra, Popejoy Hall, 8:15 p.m.
- Oct. 16-18, 20-25—"You Know I Can't Hear You When the Water's Running," Albuquerque Little Theatre.

- Oct. 17—Lava beds near Grants. N. M. Mountain Club, leader Norm Bullard, tel. 268-1812.
- Oct. 17-18—White Sands National Monument Backpack. N. M. Mountain Club, leader Don Mattox, tel. 296-4149.
- Oct. 19—Audubon Wildlife films. Popejoy Hall. For information, Bill Stamm, tel. 264-7885.
- Oct. 19—Woody Herman Orchestra, San Felipe Church benefit, Civic Auditorium, 8 p.m. For information 243-1049.
- Oct. 20—Nikolais Dance Theater. Popejoy Hall.
- Oct. 24-25—Sandia Peak Ski Patrol's Fourth Annual Ski Swap, State Fair Flower Bldg.

Brown Bagger Entries Show Un-American Trend

Encouraged no doubt by the exotic menus already published in our brown bagger contest, two recent entries reveal unabashed francophile sympathies. But the French are still the good guys as of press time, so there's probably no sinister import in these items:

"Quiche (on French bread for convenience)

(Ed. Note — "Quiche . . . pastry shell sprinkled with bits of fried bacon and grated cheese, filled with custard, and baked." Webster's Unabridged.)

Fruit cocktail

Four chocolate bonbons"

W. B. Gauster (5225)

"This is a great lunch to share with your wife and/or (sic) girlfriend:

Paté de foie gras or (liverwurst spread) on Melba crackers

Pan Bania sandwich made with French bread sliced lengthwise, spread with oil and butter, and filled with thinly sliced cucumbers, tomatoes, black olives, avocado and hard boiled egg, chopped green onions, and tuna fish; press tightly together for at least one hour (easily accomplished in attache case)

Fresh honeydew melon

Wedges of Camembert and Port Salut cheese

Pain de Genes (almond cake), homemade Split of chilled (52") Schloss Vollrads, Auslese, 1959

Serve on linen in dappled shade of gnarled and ancient oak"

Bruce (5112) & Sue (4338) Noel

Coronado Club Needs More Travelers For Bahamas Trip

Last minute cancellations have opened 11 seats on the Coronado Club six-day travel package to Grand Bahamas Island Dec. 9-15.

"At one time we had the 140 persons registered that we needed to completely fill the trip," reports Chet Fornero (4337), Club travel director, "but now there are spaces available. To absolutely assure our minimum rate of \$299 per person, we should have 11 more travelers for the trip."

The package includes first class jet flight to Grand Bahamas Island, a welcoming cocktail party, rooms at the luxurious Kings Inn with breakfast and dinner each day plus unlimited golf and swimming. The Kings Inn features top name entertainment in the lounges and a casino.

The last seats are on a first come, first served basis. Register at the Club office. Full fee must be paid by Oct. 15.

Bridge

Duplicate bridge meets on Tuesdays at 7 p.m. The group is seeking new members. Call Virg Bailey (2493), tel. 295-5460, for additional information.

Ladies bridge meets Thursday, Oct. 15, for an all-day session starting at 9 a.m.

Sandia Employees Bridge Association meets at the Club on the second and fourth Thursday of each month.

Sanado Club Meets Oct. 13

Sanado Woman's Club will meet Tuesday, Oct. 13, at 1:15 p.m. at the Coronado Club for a sherry luncheon. Guest speaker will be Carole Crawford, Public Service Company home economist, who will discuss holiday entertaining. Reservations should be made today with Mrs. T. W. Royman, 10017 Los Arboles NE.

Coronado Club Activities

Kids Fishing Derby Set Manana; Octoberfest Scheduled Oct. 17

The kids fishing derby is all set for tomorrow morning. The south pool is teeming with 3000 trout. (Stop by during happy hour tonight and take a look—that's a lot of fish.) So, starting at 10:30 a.m. tomorrow kids 12 years old and under can fish for free for a half-hour or until they catch six trout.

Entrance to the fishing derby is through the swimming pool gate and parents must show their Club membership cards.

A fish fry buffet starts at 11 a.m. and you don't have to catch fish to enjoy it. The buffet costs \$1 for adults, 75 cents for kids. The buffet and the fishing will last as long as the fish do.

All tackle and bait will be furnished. The pool will be marked into fishing spaces. Pop is encouraged to help junior fish—bait the hook, remove the fish, etc. Lifeguards and adult supervision will be on duty also.

It should be a great day for the youngsters. Club manager Jim Noonan ran a test in the pool last week with a few trout left over from the State Game and Fish display at the State Fair. The fish thrived in the pool water and his two little kids had a ball fishing them out.

Octoberfest

It's that time of year again—October. And that means Octoberfest at the Coronado Club. It's set for Saturday, Oct. 17 starting at 6 p.m. The dinner menu will include assorted German-style salads, sauerbraten mit kartoffelpuffer, kalter lachs mit remoulden sauce, eisbein mit sauerkraut and apfelstrudel. Beer will sell for 10 cents and glasses of wine for 20 cents. Mike Michnovicz and the MBC trio will play for dancing from 9 p.m. to 1 a.m. Make your reservations early for this one—deadline is Oct. 12. It's one of the big parties of the year.

Classic Film

The original "Frankenstein" with Boris Karloff, the movie that scared and thrilled a generation, will be shown on Thursday, Oct. 15, along with "Dracula" and the inimitable Bela Lugosi. These movies were the first of the great horror films and should set the stage for Halloween. Two chapters in the Flash Gordon serial will

also be shown. Happy hour starts at 7 p.m., the films at 7:30. It's free to members and families.

Speaking of Halloween

Mark your calendars now for the Halloween Soul Session set for Oct. 31. Costumes are in order, but not necessary, and prizes will be awarded for the best ones. Your friendly monsters, the bartenders, will man the happy hour bars. The affair is free to members, 50 cents for guests. A new group called the Mark IV featuring Freeman Lacey will be on the bandstand from 8:30 to 12:30.

Social Hours

Tonight, Club manager Jim Noonan plans to serve his special Italian buffet at \$1.25 for adults, \$1 for kids. Sol Chavez and the mighty Duke City Brass will be on the bandstand. Happy hours start right after work on Friday evenings with special prices in effect until 9 p.m. The buffet is spread from 6 to 8 p.m. and the band plays for dancing from 6 to 9 p.m. Then the TGIF crown moves to the main lounge where Yolanda Adent and piano entertain with a sing-along until midnight.

On Friday, Oct. 16, the Rhythm Masters will play for dancing while the southern fried chicken buffet is spread.

Bob Banks and the Madmen will be back on the stand Oct. 23 while the Club's kitchen staff wheels out the Mexican food buffet.

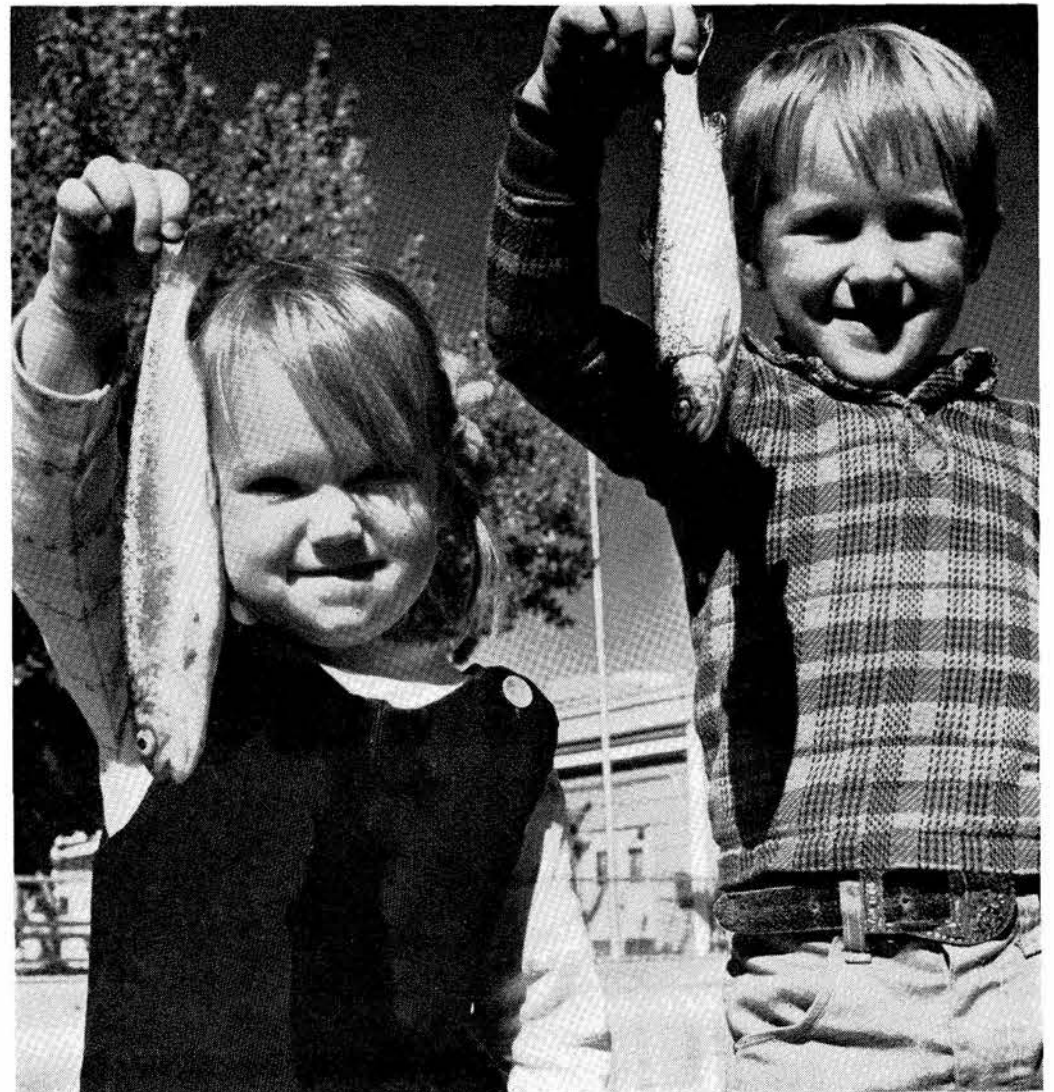
Football Bus

The Coronado Club will provide two free buses to the Lobo-San Jose State football game Saturday, Oct. 10. The buses will leave the Club at 7 p.m., return right after the game. It beats the parking problem and, besides that, you can replay the game in the main lounge where happy hour prices will be in effect for one hour following the return of the bus.

On Saturday, Oct. 17, the buses will leave the Club at 1 p.m. for the Lobo-New Mexico State game. Same deal — happy hour when the game is over.

Noon Fashion Show

Rosario Ayres will present a noon hour fashion show of the new styles on Thursday, Oct. 22. The Club's 99-cent special luncheon will be served.



LAB NEWS isn't crazy about dead fish (especially when their eyes are open) but these trout have to be some sort of record — the biggest ever hauled out of a Coronado Club swimming pool. The hapless two were prototypes (to see if they'd survive) for the 3000 — count 'em, 3000 — now in the pool for tomorrow's Kids Fishing Derby.