

LA BAJADA hill between Albuquerque and Santa Fe is today just a matter of minutes for drivers. It wasn't always. In the 1910's and 20's, La Bajada was a

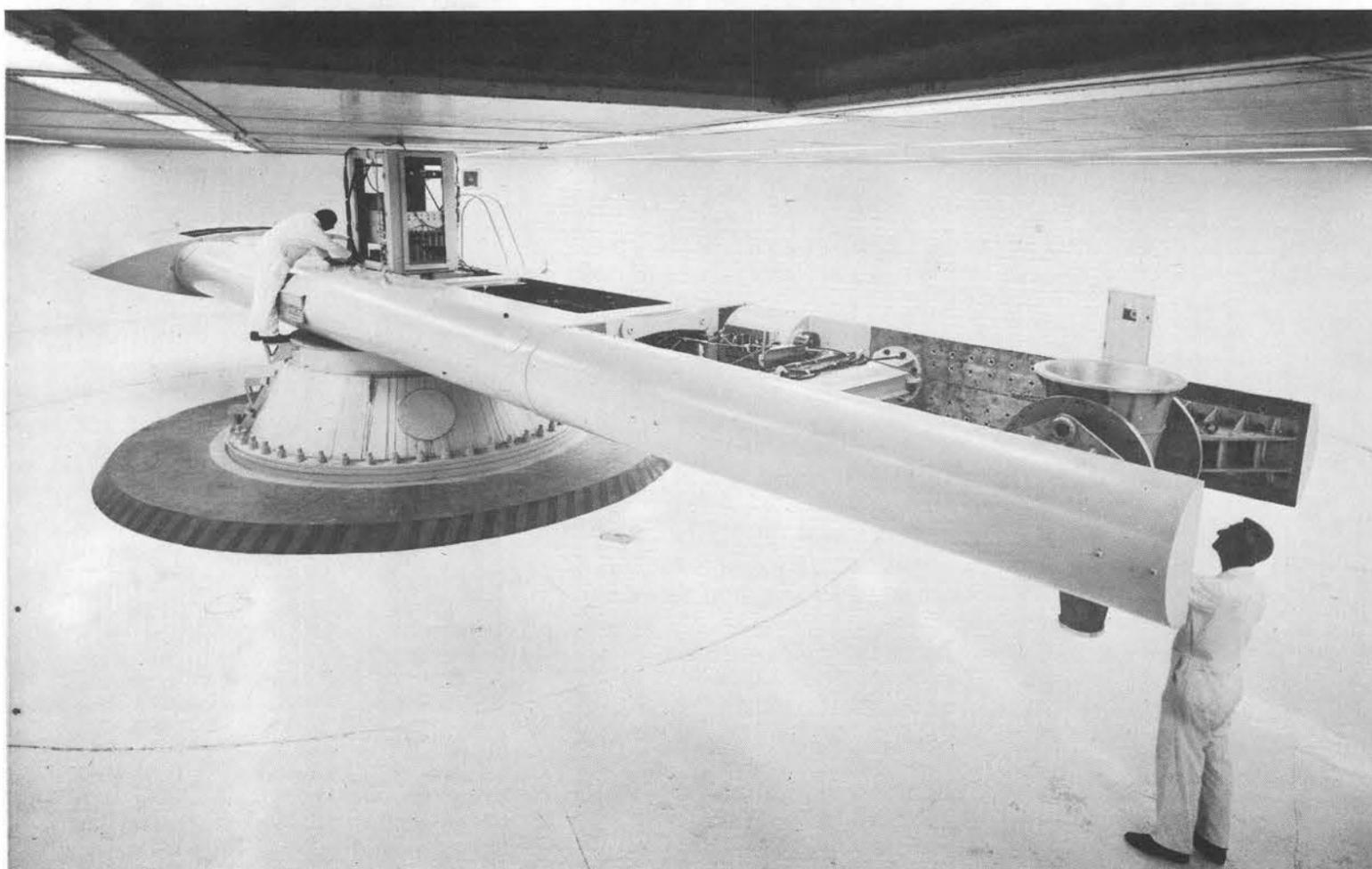
matter of 23 switchbacks and grades of up to 30 percent. Old and new about La Bajada are told on page five.

LAB NEWS

VOL. 31, NO. 12

JUNE 15, 1979

SANDIA LABORATORIES • ALBUQUERQUE NEW MEXICO • LIVERMORE CALIFORNIA • TONOPAH NEVADA



IT GOES ROUND & ROUND — Sandia's centrifuge, located in Area III, was designed to test nuclear weapon hardware (which it still does) and has now been found useful in scale model testing of geologic phenomena such as earth subsidence over coal mines. See article on page four.

Afterthoughts

Shades of Kafka--Under an inexorable distribution system, the LAB NEWS was one (copy 462) of 831 offices at Sandia to receive the "Pressure Safety Practices Manual," a largish volume that tells me, for example, that the bulk modulus of mercury at 77°F is 3,625,432 at 14.7 psia, an assertion with which I have no quarrel whatever. In fact, I have no quarrel whatever with all of PSPM, save that its application to the business of LAB NEWS tends, at best, to be tenuous. Thus I attempted to return PSPM to the Tech Library, only to have it promptly returned, and it's since been sitting on my table seeming to say mockingly, "You just don't learn, do you? It's you and me, fella, all the way." And now I've even received a new cover, change pages and accountability cards for PSPM, copy 462. Look, I get these moody spells and I might just turn on PSPM one day and do something rash, something we'd both regret. Isn't there some warm technical person out there, someone who chuckles a lot, who could take on PSPM, copy 462 and riffle through its pages now and then?

* * *

"Solitude is as needful to the imagination as society is wholesome for the character." James Russell Lowell *js

Events Calendar

- June 8-10, 14-17, 21-24 — "Vanities," Corrales Adobe Theater, 898-3323.
June 15-17, 22-24 — "The Legend of the Lecherous Von Leech," Tiffany Playhouse, 242-0441.
June 15-17, 22-24 — "Man of La Mancha," Albuquerque Civic Light Opera, 8:15 p.m./2:15 p.m., Sun.; Popejoy.
June 15-16, 22-23 — "Dracula," Performing Arts Collective, Kimo Theater, 8:15 p.m., 247-4057.
June 18 — Lecture Under the Stars series:

- "The Scientific Examination of the Shroud of Turin," Joseph Accetta, physicist, 8 p.m., UNM Union Ballroom.
June 20 — Governor's Dance, Isleta.
June 20-23 — Annual Indian Capital Amateur Rodeo, Red Rocks State Park, Gallup.
June 22 — Opening of Albuquerque United Artists Members' Self Portrait Show (back gallery) and Telepathy Arts Experience (front gallery), 7-9 p.m., 216 Central Ave. SW.
June 22-24 — N.M. Arts and Crafts Fair, State Fairgrounds.
June 23-24 — Corn Dance and Rabbit Hunt, Taos Pueblo.
June 24 — San Juan Pueblo Feast Day.
June 24 — Chamber Orchestra of Albuquerque: Summer Concert I, 4 p.m., Keller Hall, UNM.
June 27 — Lecture Under the Stars: Folklore Sweden 1979, folk-dance group from Stockholm, 8 p.m., Central Mall, UNM.
June 29 — San Pedro Feast Day, Rooster Pull, Acoma; Grab Day, San Felipe.
June 29 — Day Lily Show, Albuquerque Garden Center.
June 29-July 30 — N.M. Holy Images, a traveling exhibit, Indian Pueblo Cultural Center, 843-727
Last week of June-Aug. 1 — Native American Art Show, Indian Pueblo Cultural Center.



It may be time for scientists to work on their image. In New Jersey, 9333 pupils and teachers in grades 7 to 12 were surveyed. A hundred percent of them thought scientists were intelligent and did interesting work of great value to the country. However, only 25% of them would consider science as a career and only 25% of them would even consider marrying a scientist. Asked why, 38% said scientists sat around all day in dreary labs pouring chemicals from one test tube to another; 34% felt pollution was the end result of science; 20 to 30% felt scientists were loners who had few hobbies and little social life. The surveyors felt these negative attitudes may have come from Saturday morning TV shows where scientists are portrayed "as lunatics in white coats creating monsters." Actually, very few wear white coats anymore.

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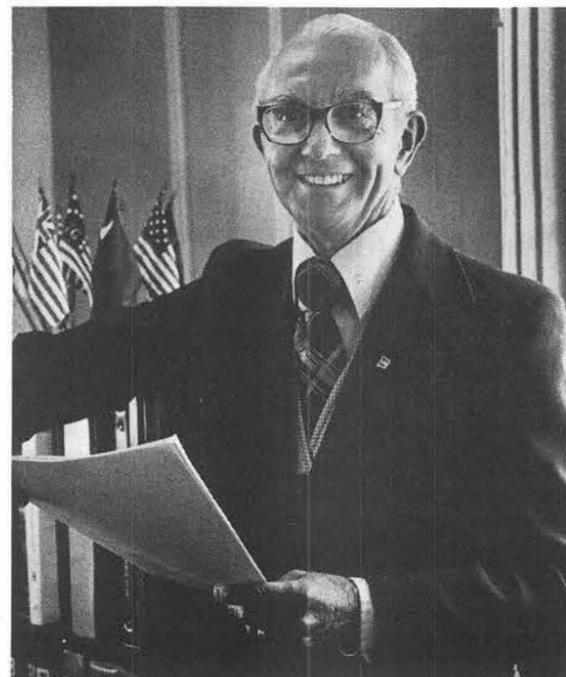
bruce hawkinson & lorena schneider report livermore.

2nd Stop Smoking Clinic Scheduled

The last one was successful (most of those enrolled actually kicked the habit), so Sandia Medical is again sponsoring a Stop Smoking Clinic.

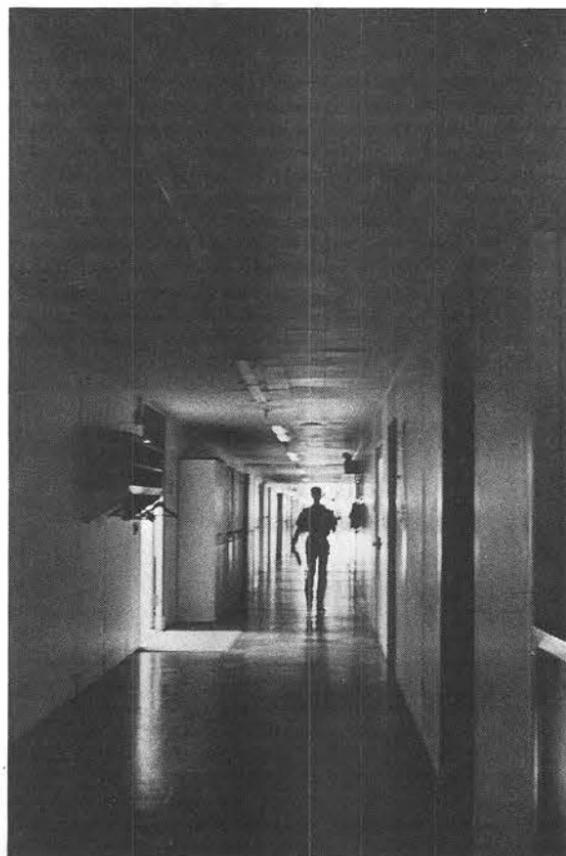
Run by clinical psychologist Arlene Price and Phil Cheromiah (both 3300), the clinic will run from July 12 through Aug. 7 with Tuesday and Thursday sessions from 3:30 to 5 p.m. An initial session in which the program is described and the hazards of smoking are discussed by two physicians will be held in theater Bldg. 815 on June 26 at 12 noon.

Supervisory Appointment



DEAN IRVIN to supervisor of Benefits Administration and Employee Services Division 3543, effective June 1. Joining the Labs in June 1950 as an employment interviewer, Dean continued to work in the personnel organization as Placement Section supervisor and as Employee Records division supervisor. He transferred from Personnel in 1955 and has been a division supervisor in Business Methods, Secretarial Services, Community Relations and Employee Benefits. From 1974 until the present he has been a member of the administrative staff on benefits planning.

He earned his BS in business administration from the University of Nebraska and has done graduate work at the U of A. Dean served five years in the U.S. Army during WW II and is a retired colonel in the U.S. Army Reserve. He is one of Sandia's representatives in the Albuquerque Chamber of Commerce. Dean is active in numerous civic and community affairs and has served two terms as a loaned executive for the United Way. His leisure interests include gardening and fishing. Dean and his wife Alice have four children and three grandsons.



IF YOUR WORLD is closing in and getting dimmer, don't be alarmed. The lights are going out all over as Sandia heeds DOE edict to cut back. Another casualty: hot water. Vehicular mileage is also targeted for reduction.



CALIFORNIA, which has already given us topless dancers, the Cadillac pickup, encounter therapy and Proposition 13, now offers (fanfare) . . . The Centipede!!! Thirteen runners wearing a Chinese dragon-type costume, the whole 60-foot long, compete against other centipedes under carefully structured rules ("NO DANGLING RUBBER LEGS"), executing the famous

360° Lenichi Turn at mandated intervals. This LLL/SLL team competed against other centipedes in last month's 8-mile Bay-to-Breakers race in San Francisco. That's Pat DeLaquil (8324) in third position, Larry Brandt (8328) in last. (We realize five centipedians are missing in this outfit, but the breed is notoriously flighty and unreliable.)

Take Note

Winner this year of the Sandia-sponsored Chabot Transfer Scholarship is Judy Gilmer, a '77 graduate of Livermore High School. Arlyn Blackwell (8200) and Barbara Mertes, dean of Chabot Valley Campus, met with Judy to present to her the \$375 scholarship. The young student plans on a degree in chemical engineering from the Univ. of Maryland.

Sympathy

To Marlene (8256) and Tim Cody (8333) on the death of her mother in Meriden, CT, May 28.

To Jim Martin (8256) on the death of his mother in Dallas, TX, May 24.

To Jim Miller (8354) on the death of his father in Huntington, WV, May 4.

To Cliff Potthoff (8465) on the death of his father-in-law in Los Angeles, May 23.

To Arnold Schuknecht (8333) on the death of his father in Sioux Falls, SD, May 24.

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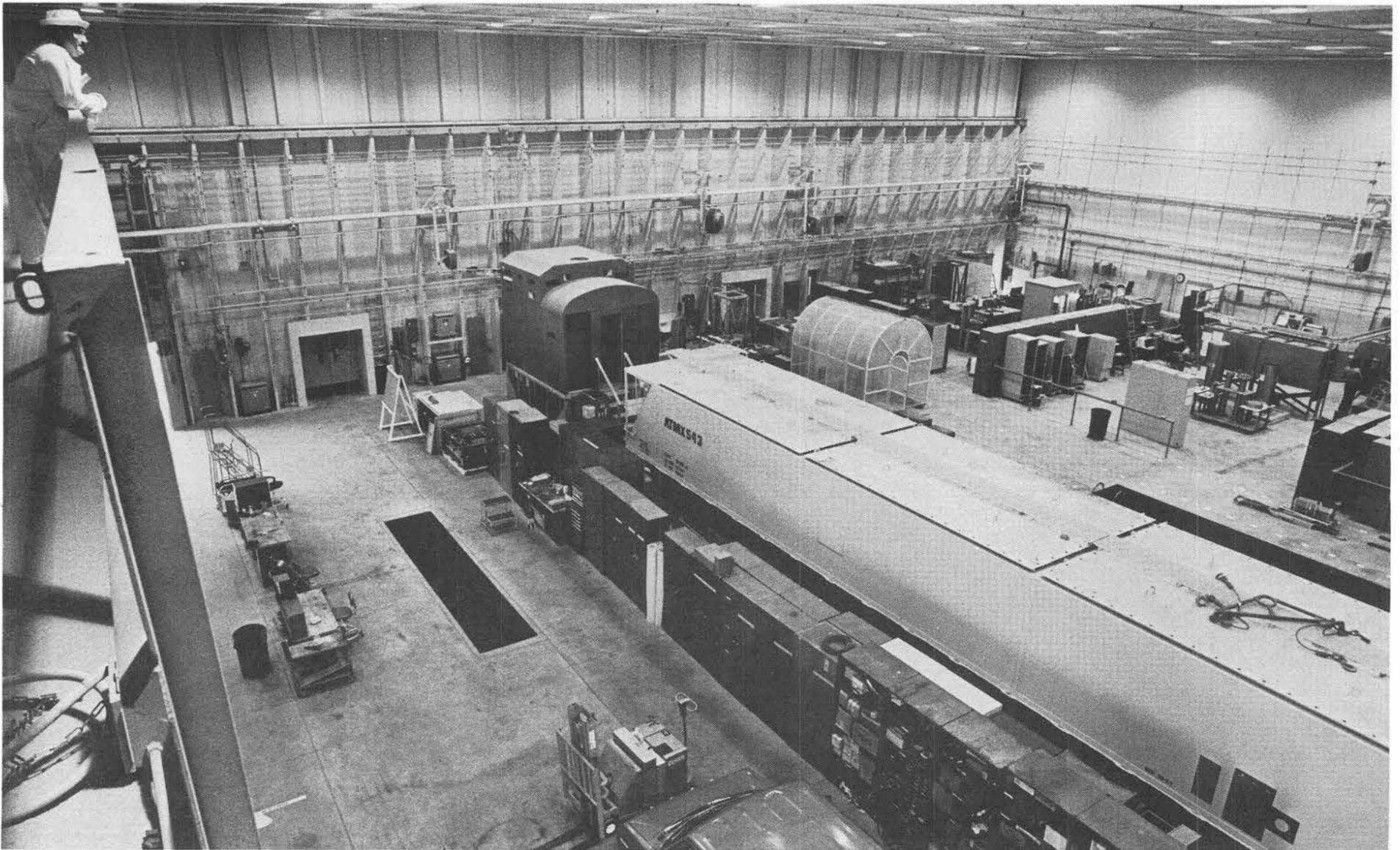
SANDIA'S BOARD OF DIRECTORS held their annual meeting late last month at Livermore. Standing, from left to right: Ken McKay, Executive VP, BTL; Hal Collier, Executive VP, BTL; Jim Herbert, Executive VP, WE; Armin (Rip) Fick, Senior Executive VP, WE; and Phil Hogin, Executive VP, WE. Sitting, Guy Accettura, Senior Executive VP, WE; Ian Ross, President, BTL; President Sparks; Don Procknow, President, WE. George Cook, VP and General Counsel, WE, and Jack Howard (2) were unable to attend the photo-taking. Ross and Cook were elected to the board during the meeting.



FAMILIAR FACE in an unfamiliar place. Rosalie Crawford (l), secretary to five successive Sandia presidents, recently spent a few days as secretary to Tom Cook (8000) while Adana Echer was on vacation. "I got some new insights into a bunch of great people," she said later.



MOTOR VEHICLE MANUFACTURER'S ASSOCIATION (MVMA) ad hoc Combustion Committee met recently and toured combustion facilities at SLL. Here Pete Witze (8352) describes the optical port system of a research engine head to (from left) George Lavoie of Ford Motor Company; Joe Bidwell, General Motors Research Labs; and Bud Mann, Chrysler Corporation.



HIGH BAY area of the new Safeguards building (820) has impressive dimensions — 110 x 144 x 35 feet, with room enough for two ATMX rail cars, a

couple of tractor/trailer rigs and miscellaneous mockups. Bobby Schedeman (1713) here eyeballs the scene from overhead 15-ton crane.

Swords & Plowshares

Geology Problem Finds Labs Centrifuge

This country's — and possibly the world's — largest operating centrifuge, normally used at Sandia to test nuclear weapon components and systems, is being used in an application that its designers probably hadn't thought of and, if they had, would have considered unlikely: the study of geotechnical phenomena such as earth subsidence over coal mines.

Scale models of coal mines, dams, and other earth structures are placed in a compartment at the end of the centrifuge's 25-foot radius arm and rotated at speeds up to 155 revolutions per minute. This subjects the models to many gravities (g's), the exact load depending upon model size and composition and centrifuge speed.

Application of scaling laws permits Sandia scientists in Geotechnology Research Division 4732 to predict quickly and accurately how full-sized earth structures will be affected by various loads over a period of time.

"For example," says Herb Sutherland, project engineer, "the loading on a coal mine 300 feet below the surface can be simulated by subjecting a 1/100th scale model (a section three feet thick) to 100 g's on the centrifuge.

"Also, by using materials in this scale model that come from the actual site or structure being analyzed, the strains present at the site can be duplicated in the model.

"Moreover, since this physical simulation provides precise data under known and controllable conditions, it can be used to investigate the adequacy of computer codes, or numerical simulation, used to predict the response of earth structures," Sutherland says.

The scaling laws of centrifuge simulation not only compress physical dimension, but

also time. "For instance, 30 minutes at 150 g's scales to 1.3 years when studying diffusion processes such as convection flows around heat sources in porous media," Sutherland says.

Soils testing is expected to begin in December after a specially designed "swing bucket" has been installed at the end of the machine's 30-ton arm. The bucket will hold test models up to a cubic yard in size.

The new centrifuge technique should provide a more reliable picture of subsidence caused by coal and oil shale mining, or in situ retorting. Other possible applications include researching room closure rates in salt mines, response of geological structures to seismic occurrences, and stability of mine tailing piles.

Most of the simulation work will be conducted on Sandia's 25-foot centrifuge. "In terms of dynamic load capacity (test sample weight multiplied by g load), this machine is the largest operating centrifuge in the United States," says Paul Adams, supervisor of the Centrifuge, Climatic, Radiant Heat Division 1531. "The arm can rotate an eight-ton specimen (including mounting fixture) to an acceleration level equaling 100 times the force of gravity. Lighter items, however, can be accelerated to a maximum of 240 g's."

The centrifuge is located in an enclosed pit 80 feet in diameter and 12 feet high. It is powered by 16 fluid motors, driven by a 1300 horsepower hydraulic pumping system. Its maximum speed, when fitted with dynamic fairings, is 155 rpm. Up to 150 channels of test data can be acquired and reduced by a computer-based data acquisition system.

Some tests will also be conducted on Sandia's 35-foot centrifuge, which can

accommodate larger-scale test samples but to less dynamic load, and a six-foot machine, which is capable of testing small specimens up to 150 times the force of gravity.



WINNER of the Public Relations Society's Silver Anvil award is Jim Mitchell, head of Sandia's Public Information Division 3161. The national award was based upon Jim's PR work as head of a four-man team that handled publicity for the Double Eagle's balloon flight from this country to France last August. Jim is the first New Mexico PR person to win the Silver Anvil.



IN 1924, this is what La Bajada looked like — 23 switchbacks, a grade of 30 percent in places, and a drop of 800 feet in a mile and a half. Five miles west of I-25, this version of the road was developed in 1908. An earlier route to Santa Fe avoided La Bajada entirely, going by way of Madrid and Cerrillos, though earliest 17th century trail was in this general area.

Vista New Mexico

La Bajada Hill — Yesterday's Adventure

Rounded hills interspersed with areas of flat plain, all crisscrossed by gullies and arroyos, form the familiar landscape between Albuquerque and Santa Fe. But one exceptional feature stands out — LQA Bajada Hill. Eighteen miles south of Santa Fe, La Bajada is the barrier between the Espanola and Albuquerque Basins, with only Santa Fe Creek cutting through the volcanic rock to reach the Rio Grande. La Bajada Hill, a sheer bluff capped with black basalt, was the route chosen by the early Spaniards to reach Santa Fe. Petroglyphs in the area attest to even earlier traffic. Today, most travelers on I-25 drive over La Bajada without a second thought.

But those early travelers, reaching the base of the hill, must have been cheered at the sight of the green and shady oasis, five miles west of I-25, where Santa Fe Creek quits La Bajada to cross the plains. The settlement became a well-known overnight stopping place. The new Governor and Captain General Don Diego de Vargas camped there in the year following the reconquest of New Mexico in 1692. De Vargas was returning to Santa Fe with newly recruited settlers; however, it appears that not all the group was enthusiastic about the venture. Sometime during this encampment, eleven soldiers and seven civilians deserted. Three of the soldiers were captured and taken to Santa Fe; the others escaped and returned to Mexico "to be

forever dishonored." The rest of the train forged on up La Bajada and arrived in Santa Fe on Dec. 16, 1693.

"La Majada" was the original name of the area around the base of the hill; according to the *New Mexico Place Names Dictionary*, the term means "a sheltered place shepherds put up for the night with their flocks." Records show that the La Majada Grant was given to a Jacinto Pelaez on Feb. 10, 1695. The transition from "Majada" to "Bajada" (which means descent) evolved with continued use of the trail near this small settlement.

A few residents of today's La Bajada (seven families) recall their own early memories and tell stories told them by parents and grandparents — of Navajo raids on their flocks; of bandits waiting at the base of the hill for the unwary traveler; of mules and carts, covered wagons and buckboards, stagecoaches and Model-T's that wound their way up and down La Bajada. The view from the top was (and is) magnificent, but the descent (and ascent) could be hair raising. Freight wagons or stagecoaches stopping on the track had to be braced with boulders and, in some places, passengers were obliged to get out and walk. Falling rocks were a danger, and disaster accompanied the run-away team, though there's the story of the mule skinner who made history during a wild ride to the bottom — not by his bravery in controlling the team, but by the variety and originality of his invective.

In territorial days, each male citizen was required by law to spend a certain number of days working on roads or to pay a small fee into the county road fund; convict labor from the Territorial Penitentiary was also used for road construction. During Gov. George Curry's term (1907-09), the territorial engineer was authorized to survey a new road over La Bajada. The road then in use between Albuquerque and Santa Fe went by way of Cerrillos and Madrid. The new road, following the old, old trail up La Bajada near the village would shorten the journey but would be a strenuous undertaking because of the deep cuts required to reduce the steep grade. Camps for the prisoners and for an additional 80 men with teams and wagons were set up at the base of the hill. Before the governor left office, a crude highway had been completed over La Bajada; it later became part of U.S. 85.

Acclaimed as a marvel of road engineering, La Bajada Hill was still dangerous. Total descent was about 800 feet over a distance of one and a half miles on grades up to 30 percent. The feat was accomplished by using 23 switchbacks.

The present site of the highway over La Bajada was selected in 1932. East and a bit south of the old road, today's four-lane highway follows a longer but less precipitous grade. No longer does the trip from Albuquerque to Santa Fe require "two days of hard travel in a buckboard with a good team."

The old road is still visible behind the village of La Bajada. To get there, leave the main highway at the recently completed Cochiti Lake road, about mid-way up La Bajada Hill. Follow this paved road about four miles to the La Bajada turn-off. Three miles of dirt road (no gravel, difficult when wet) lead you to the village. After crossing the wooden bridge over Santa Fe Creek, the road forks: the road to the west leads to the village; the track to the right follows the old road up La Bajada past the site of the cantina which served as the inn and stagecoach stop (only the lapa-stone foundation remains). A local told us that the road is "passable" for four-wheel-drive vehicles.

IN 1925, when this photo was taken, the trip over La Bajada was still not an easy one. Drivers didn't drag race on the hill, but it was common to boast of how far up the hill one could get in high gear. When all else failed, drivers sometimes put their Model-Ts in reverse and backed up.



Getting To Work

Two Wheels More Fun Than Four (cont.)

A few issues back we discussed motorcycling as a means of commuting and how a novice might select a machine and begin to cycle.

There is, of course, that other two-wheeled conveyance which is, in its own way, at least as much fun as a motorcycle, whose expense is so little as to be trivial, and which offers as an incidental but rather considerable benefit the enhancement of physical fitness.

When I don't ride my motorcycle to work, I ride my bicycle and, as it turns out, my bicycling occupies that season during which we have daylight saving time. Lights on bikes give feeble performance, especially those facing rearward. Since I consider the overtaking vehicle to be the principal hazard, I just don't bike when it gets dark.

Are bicycles safe? Like motorcycle safety, bicycle safety is largely a function of the rider. I shudder when I see a bicyclist on a crowded arterial, and I conclude the rider is either a novice, naively pursuing the same routes he or she uses in a car or, worse yet, one of the breed who knows the Traffic Code by heart and by God his bike is a vehicle and no one is going to push him around. For the latter, it's just a matter of time.

Since vehicles are the greatest threat, the wise biker avoids traffic. He will follow residential streets, cross arterials carefully, and treat all intersections — including those at which he has the nominal right of way — as though each were marked by a "Yield" sign. Observing these constraints, his course may appear to be circuitous. In the eight miles I cover between home and Sandia, my meandering course probably adds an additional half mile or so to the total, but that is of no consequence. Of far greater importance is the number of overtaking vehicles I usually encounter, between five and ten for the entire trip. With such a small number, I feel hazard is minimal.

Concerning the availability of a residential route from one point in the city to another, I have a theory: You can bike anywhere from here to there almost entirely on non-arterials. Recently, I put my theory to the test in an unfamiliar city, spending two days biking through the byways and back alleys of El Paso and Juarez. Using a map, I was able to reach all objectives, biking on uncrowded streets with only an occasional bail-out to go on foot. (That singular characteristic of a bicycle which permits one readily to switch from rider to pedestrian *ad libitum* is invaluable.) Getting across freeways and rivers can be the chief problem for the urban biker, and it may be necessary to dismount and simply walk the bike over on the sidewalk.

At Sandia, the new biker who is uncertain of the best route to the Labs can now avail himself or herself of LAB NEWS' list of Bike Guides — veteran bikers from all over the city who have volunteered to guide the novice over optimum routes. (For a copy, call 4-1053.)

Equipment — A 3-speed or a 10-speed? How much should I spend? To these questions I'd reply as follows: (a) get a 3-speed if you're going five miles or less and haven't had too much experience on a bike and (b) go for quality — spend, say, \$100 on a good quality used bike rather than \$79.95 on that widely advertised "special" that weighs in at 40 pounds but, mercifully, will shortly fall apart. Actually, a good bicycle is a modest investment when evaluated — as it should be



CYCLING TO WORK — In a recent early morning gate count in Tech Area 1, 207 cyclists passed through on their way to work. Probably another 20 or 30 work outside the Tech Area. Sandia Bicycle Assn. officers believe this is probably a higher percentage of bike-commuting employees than for any similar installation in the country (challenges accepted — universities excepted). LAB NEWS editor John Shunny, author of accompanying article, here cruises in to work.

— in terms of its vehicular economy. My Bertin 10-speed cost \$300 three years ago, but I've put 9000 very inexpensive miles on it and could probably sell it, if need be, for \$200 or so.

The point is that a really good bike, costing \$175 or more and weighing less than 30 pounds, not only is reliable and gives pleasurable performance, but it also won't depreciate a great deal should you decide to graduate to a better model. As it turns out, most good bikes are of European or Japanese extraction, and these are chiefly sold in bike shops. I'd recommend the shops because the people in them are generally knowledgeable about both bikes and bike riders and know, for instance, what size bike is appropriate for you. (Bike frames come in half a dozen sizes.)

As in beginning motorcycling, you and your new bike should spend a few days cruising your neighborhood to accustom yourself to the gear shift and front and rear brakes. If you grew up riding a bike with a coaster brake and balloon tires, the ride on a good quality lightweight bike will be a revelation — it's very quick and can be tricky at first.

The day arrives to bike to work. If it's a long distance (and you're the best judge of what "long" is), you may want to try the gradual approach, at first hauling the bike in your car to a point whose mileage from Sandia is less intimidating. In some respects, taking up biking is like taking up running. If you bite off too much at first, it's really not much fun and can be a grind. Then your resolve weakens, you find excuses not to bike, and shortly your new possession is gathering dust.

In any event, now that you've arrived at Sandia it's appropriate to mention one other matter. On a summer morning it's near impossible to bike several miles and not work up a sweat. You're not wringing wet, just moist. My tactic here is to bike in wearing a T-shirt, duck into the lavatory upon arrival and sponge bathe, and don my shirt that I've carried in a pack. The procedure is a bother, but a small one. Showers are available in several Labs buildings as well.

The Sandia Bicycle Association dates back to 1972, when a group of Labs bikers got together for the stated purpose of "improving cycling conditions in Albuquerque." SBA is thus not a touring or racing club, but rather simply a group promoting cycling-to-work and the improvement of cycling conditions, especially on Base. We've been moderately successful, gaining bikeways on Base as well as off. Ron Malpass (1761) is current president of SBA, which now has 450 members. Besides a periodic newsletter, SBA maintains a collection of bike tools that members can borrow, and a library of bike magazines; emergency tire tube repair kits are also available at several Labs locations. To join SBA, send your name, E-number, organization and phone number to Lyle Wentz (4323). Include a dollar if you wish; it will help defray expense of items mentioned above.

•js

Death



Jeanette Diamond, secretary to Data Systems Department 1520, died suddenly June 4. She was 58.

She had worked at the Labs for 11 years.

She is survived by a son.

Speakers

N.J. DeLollis (5813), "Fatigue Aging of Adhesive Bonds," Tenth Annual US/UK Neutron Generator Development Symposium, May 21, Albuquerque; six papers presented at the ACS Course on Adhesives and Their Applications on "Activated Gas Reactions with Epoxy and Silicone Resins," Chicago, May 23-24.



FOR the annual retiree picnic, the monsoon let up, the sun shone and all was happy and light for the 900 people who crowded the patio of the Coronado

Club. Labs now has 1700 retirees, including several who reside in foreign countries.

Retiree Picnic — 1979



George Thorne and friend and Mrs. Thorne were a trio.



Ruth and Jack Simpson doing a two-up number on a Kawasaki.



Gretchen Cassell (3543) dispenses ID's.



And Mike Michnovicz (2432) again pleased the crowd with his wandering accordion (to which he was attached). He's talking here to George Miller.



AWARD — For his efforts as chairman of the Savings Bond campaign, Bill Kraft (1410, center) received this special award and letter of commendation. Treasury Department representative Evelyn Oberg and President Sparks made the presentation. With 96.8% enrolled, more Sandians are now buying Bonds than ever before.

Sandians Set Savings Bond Records

More Sandians are now buying Bonds than ever before. So states Bill Kraft (1410), chairman of the recent Savings Bond campaign. The percentage is 96.8%, and with that number the campaign goal — 95% — was more than met. At the start of the drive, 87% of Sandians were enrolled.

Increases in numbers of Bond-a-Month investors and in total dollar investment were also noted (14.1% and 12.1% respectively).

Other numbers of note:

— there were 655 new sign-ups during the drive.

— of 7249 Bond program participants, 3850 (53%) are buying a Bond-a-Month, or more.

— 477 of the Bond-a-Month investors moved up to that level during the drive.

— the total dollar increase in Bond

buying comes to \$194,000 annually. All told, Sandians buy more than \$1,800,000 worth of Bonds annually.

At a ceremony in his office last week, President Sparks presented awards to a number of Sandians for their contributions to the campaign. Additionally, decorative certificates were awarded to the 58 departments and 251 divisions achieving 100% participation.

Chairman Kraft singled out for special thanks the Bond committee members who made the campaign a success: John Anderson (8166), Wendland Beezhold (4232), Dick Heckman (2151), Ralph Johnson (5815), Gary Mauth (1243), Etta Moore (3433), Mel Snyder (6021), Joff Myers (3614), Sam Key (5521), and Ray Bair (2335).

Fun & Games

Yoga — Guru Deep Singh will teach his third yoga class at the C-Club every Tuesday and Thursday evening from 5 to 6, starting July 3. The class runs until Aug. 23. Yoga offers both physical and mental benefits, and Guru Deep plans to have guest speakers who will discuss nutrition, massage and related topics. Cost is \$15 for the 16 sessions. Call C-Club rec manager Skip Dougherty on 4-8486 to enroll.

* * *

Golfing — Two SGA tournaments have been played in the last month. In the Tijeras Arroyo tourney, 67 members participated. Winners of the various flights included Orlando Espinoza (1485) with a net 67; J.H. Davis (1136) with a net 70; and Art Clark (1210) with a net 70. Quirin Simon (DOE) won the new member Callaway Flight. In the annual SGA Open held over two days, Jim Leonard (4725) was low gross with Leon Chapman (4416) runner up. Tournament low net winner was Tim Cordova (3441) with 122 for the two days. Flight winners and their net scores: Larry Dyer (1524), 129; Vic Sirwinski (1426), 131; Tom Cordova (3441), 122; and Jim Schwank (2117), 142.

* * *

Running — Larry Johnson (4325) was the only Sandian in last month's Amarillo Marathon, turning in a creditable 3:35 performance which gave him third place in the 50-plus category. The 26-miler took place May 26.

Coming up: Tomorrow at 8 a.m. in Kit Carson Park, the Leroy Bearman Memorial 4-miler. Register at Gardenswartz Sports today or before the race tomorrow. For those looking far ahead, Dave Douglass (5831) has sent LAB NEWS entry forms and information on the Masters Track & Field Southwestern Open Championships to be held Sept. 2 at Milne Stadium. There's a bunch of events, including the hammer throw, javelin and discus and many running competitions, ranging from the 100 metre sprint to the 10K run. Contestants are age bracketed. All participants must have AAU cards.

* * *

After 11 Years

Carla Perea Has Success Story

This is a success story.

But for Carla Perea of Reclamation and Custodial Division 3426 the story starts with the bitter disappointment of not finding her name on the list of graduating seniors of St. Vincent Academy in May 1968. She had attended the Academy for four years and as far as she knew had completed all requirements. She did not graduate nor did she question the decision.

Then came a number of years of nurse training, upholstery work, a job at Levi Strauss. Three years ago she joined Sandia. Enter the out-of-hours educational program. Carla took courses in English and typing and did well. At the urging of her supervisor, Bill Neil, Carla prepared to take a GED test to qualify for a high school diploma.

Ruth Brooks of Education and Training Division 3521 was asked to help. Ruth wanted to see a copy of Carla's high school transcript

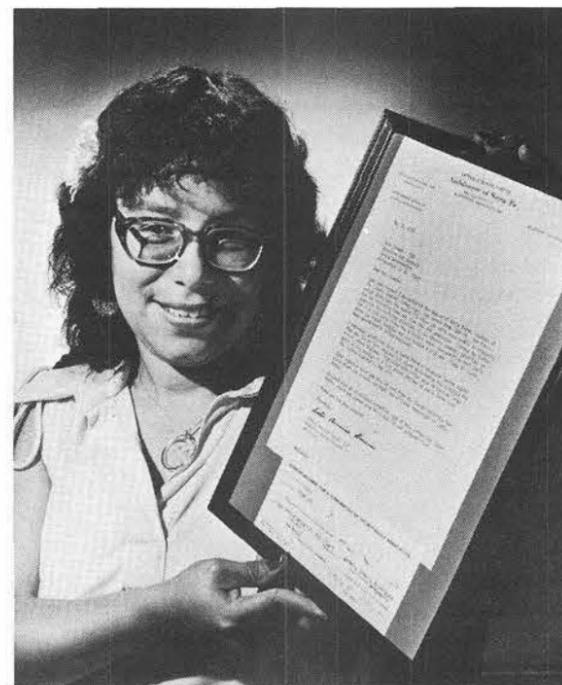
to find areas where Carla needed tutoring. St. Vincent Academy closed in June 1969 — the records are now kept at St. Joseph's Hospital. Ruth, after a determined effort and many phone calls and letters, finally obtained a copy.

The transcript plainly showed that Carla had completed 21½ units while the requirements for graduation were 21. Many phone calls and letters later, Ruth managed to locate the former principal of St. Vincent — Sister Mary Jane Kenney now living in Parma, Ohio.

With apologies, Sister Mary Jane wrote a certified letter to Carla stating that Carla did indeed earn a high school diploma in May 1968.

That letter is framed and hangs on Carla's wall at home.

In the meantime, she's still taking courses in Sandia's out-of-hours program.



CARLA PEREA (3426) displays framed letter certifying her graduation from St. Vincent Academy in May 1968.

MILEPOSTS

LAB NEWS

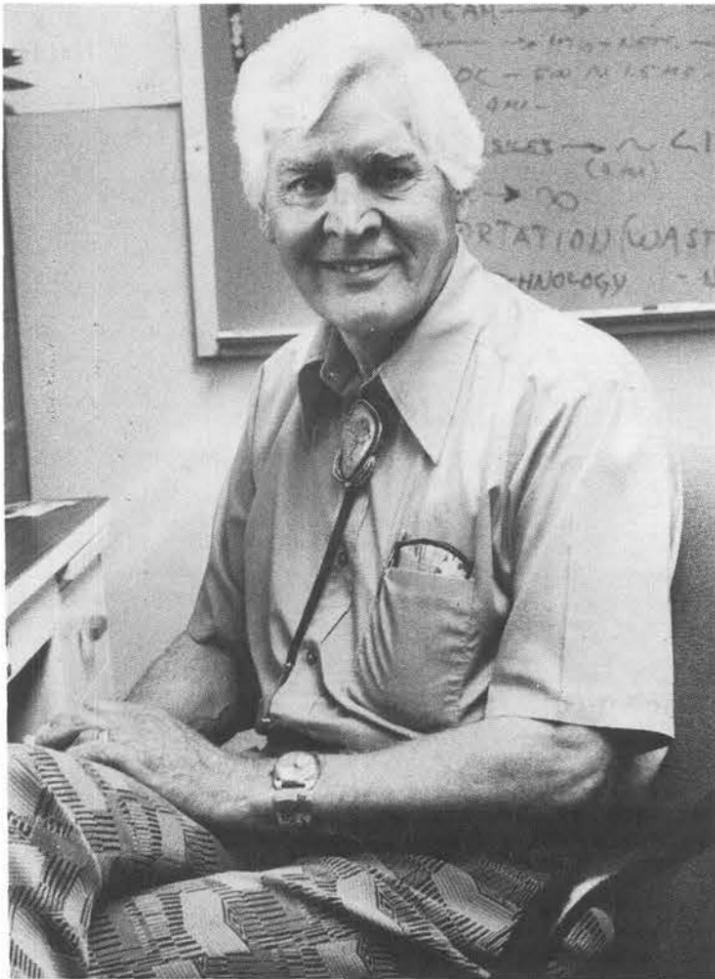
JUNE 1979



John Budlong-1712 25



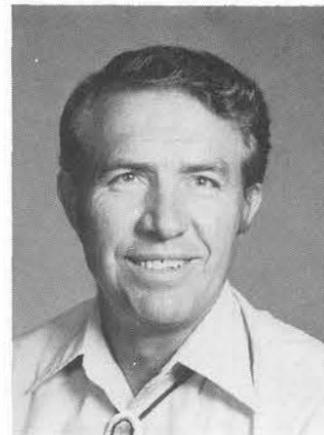
Mac Groll - 3211 30



Harvey Kubiak - 4004 25



Dale Massey-1127 30



Reuben Weinmaster -2164 20



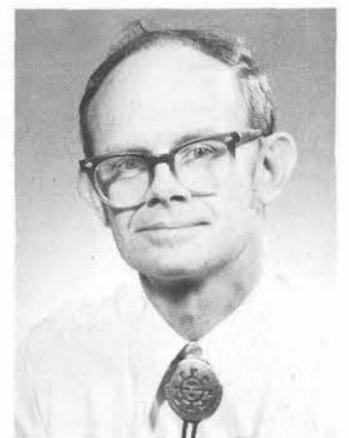
Bob Facer-8166 20



Clayton Mavis-8451 20



Dale Hanely-3715 25



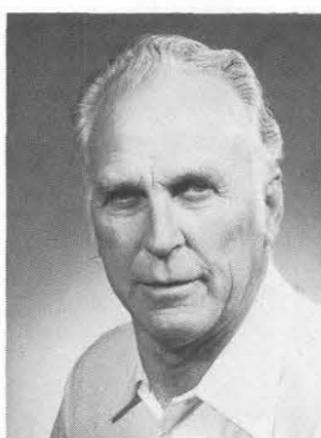
Robert Moyer-2552 20



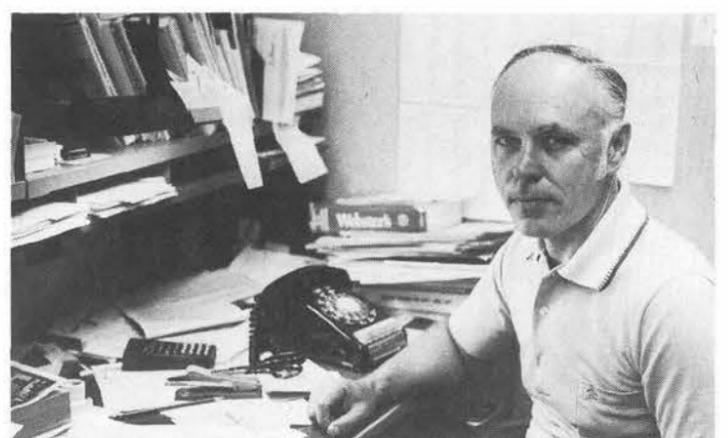
Bob Lebow-8257 10



Richard Jones-2345 25



Watson Rinks-3426 10



Wayne Sebrell - 1252 20



Ronald Ewing - 1112 20



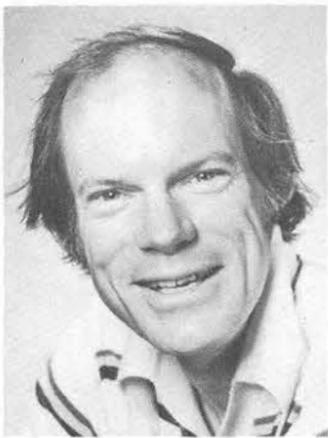
Wilber Grisham-1211 25



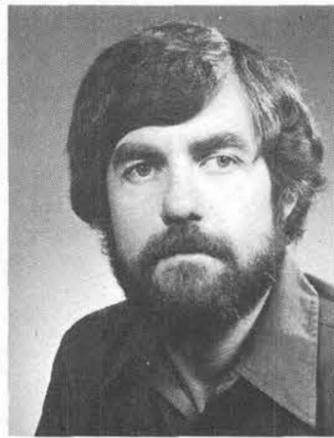
George Bradley-1222 25



Bob Kee-8331 10



Tom Jefferson-8332 10



Jim Caruthers-2322 10



Leroy Torkelson-4721 15



David Preston - 1535 15



Sherrill Woodall - 2436 25



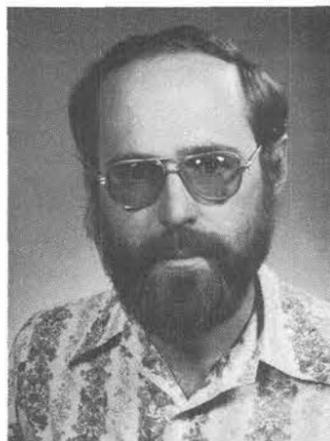
Robert Cover-1715 15



Walt Schimmel-4723 10



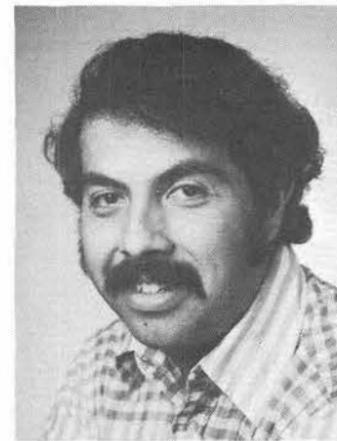
Gail Bryan-8333 10



Bruce Hansche-1552 10



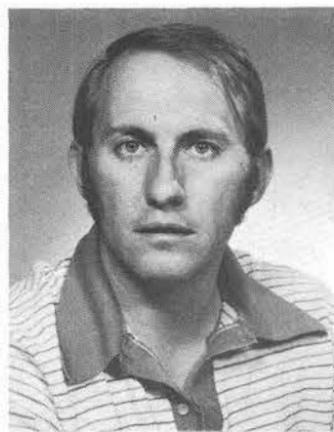
Dennis Mitchell-2514 10



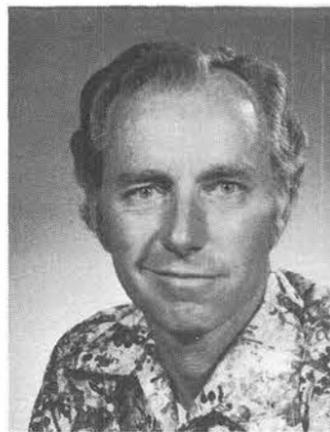
Ray Baldonado-8271 10



Charles Tapp-8460 15



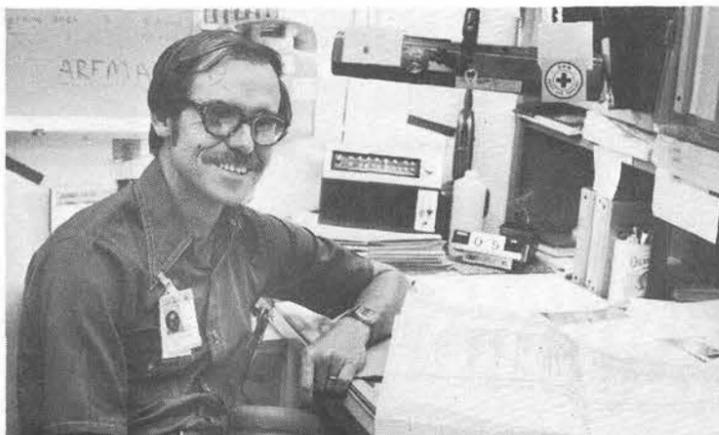
Leroy Pucket-2454 10



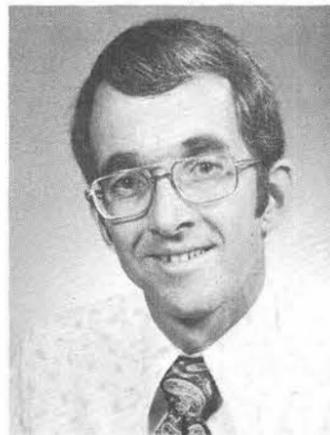
Richard Kavet-1713 25



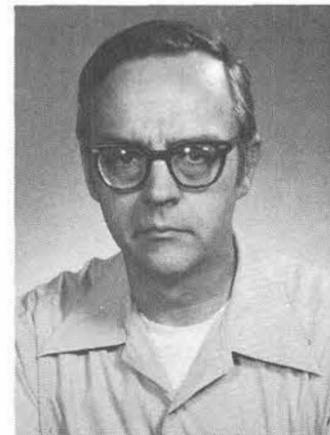
Clifford Diem - 2426 20



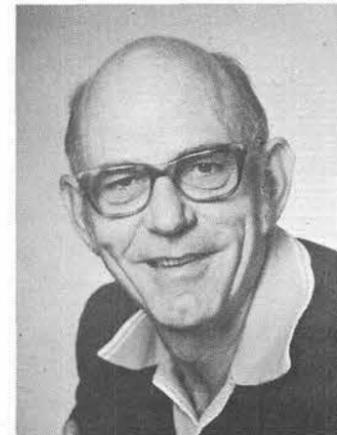
Larry Lane - 2642 20



Philip Stanton-2513 15



Richard Guilford-2165 25



Ed Williams-8151 20

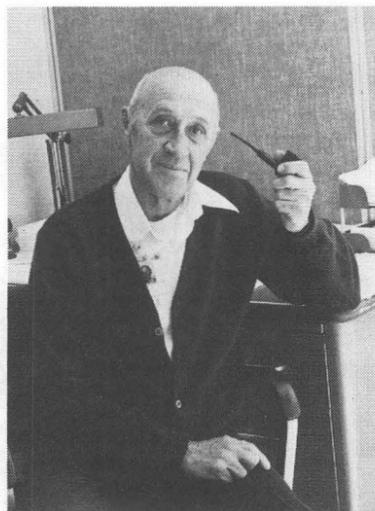
Retiring



Norman Zurwas (3425)



John Hof (2145)



Frances Vogel (3650)

Sympathy

To Ruben Trujillo (3618) on the death of his brother in Albuquerque, May 30.

To Horace Montoya (1485) on the death of his father-in-law in Albuquerque, May 31.

To Vic Schaeffer (1481) on the death of his brother in Texas, May 23.

To Eddie Gonzales (3615) on the death of his mother-in-law in Albuquerque, June 5.

To Burton Hill (1545) on the recent death of his daughter in Albuquerque.

Congratulations

Mr. and Mrs. Marvin Nicholson (3612), a daughter, June 4.

JUNK • GOODIES • TRASH • ANTIQUES • KLUNKERS • CREAM PUFFS • HOUSES • HOVELS • LOST • FOUND • WANTED • & THINGS

CLASSIFIED ADVERTISING

Deadline: Friday noon prior to week of publication unless changed by holiday. Mail to: Div. 3162 (814/6).

RULES

1. Limit 20 words.
2. One ad per issue per category.
3. Submit in writing. No phone-ins.
4. Use home telephone numbers.
5. For active and retired Sandians and DOE employees.
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.

MISCELLANEOUS

- PICKUP CAMPER, 8' long cabover, sleeps 4, \$500. Souder, 281-3121.
- 17-1/2' TRAVEL TRAILER, 1978 model, self-contained, \$3995. Might take a trade-in. Ludwick, 296-6447.
- CABOVER CAMPER, 8' Cavalier, complete w/jacks, Porta Pottie, Shelby, 298-2934.
- '75 17' TRAVEL TRAILER, Cardinal, self-contained, 2 butane tanks & spare, sleeps 6, \$2300. Villescas, 344-1074.
- IDLE-TIME camper, insulated, unfinished interior, short wide bed, 1 yr. old, \$350. Marshall, 281-5821.
- SOFA & CHAIR: French provincial, green; rocker/swivel chair, pink; Early American end table; blonde conventional dresser & nightstand. Pitti, 256-1629.
- AIR CONDITIONER, Whirlpool, 5000 BTU, almost new, \$125; Whirlpool dishwasher, \$60; small wheel, two-motorcycle trailer, \$125. Prevot, 864-3816.
- NEW GAS RANGE, Roper 30", oven timer & window, avocado, retails \$400, \$300 or best offer. Brown, 821-3636.
- TIRES: two 9.50x16.5 10-ply, some tread left, \$25 for both. Hole, 255-1444.
- SEWING MACHINE w/cabinet; microphone; guitar wa-wa peddle; downhill skis; ski boots, men's size 9; VW wheel; GE hair dryer. Simons, 821-9343.
- STEREO EQUIPMENT: McIntosh MC 2105 pwr. amp. 110w/chan., \$425; McIntosh MC 250 pwr. amp., 55w/chan., \$265; Soundcraftsman equalizer, \$175. Allen, 299-9075.
- PINE KITCHEN CABINETS: painted green w/white counter top & sink, \$150; five 40-lb. bags of mono-therm insulation, \$7 ea. Gonzales, 836-0224.
- PIANO, old, upright Royal, carved wood, \$600. Lifke, 298-5045 after 4:30.
- SET of *Great Books*, \$100 or best offer. Potter, 268-5451.
- DANISH MODERN teak table & 6 chairs, \$450. Zanner, 281-5594.
- PUPPIES, free, 7-1/2 weeks old, 1/2 German Shepherd, 1/2 ?. Wrobel, 255-3062.
- PLAY PEN, used two weeks, \$20; stroller, \$5. Sniezek, 265-3891.
- EXTERIOR DOOR, in frame w/dead-bolt, approx. 30"x80"; water softener. Schroeder, 344-1011.

UTILITY TRAILER, \$100; watering tank, \$25; twin light fixtures, \$5 ea.; power woodworking tools. Calek, 281-3285.

COIN COLLECTION; stamp collection; elec. typewriter; man's golf clubs & bag; 16mm Moviola Junior, splicers & rewinds. Scott, 296-3037, 884-8880.

PUPPY, half Shetland, half Norwegian, 6 mos. old, all shots, house broken, \$20. Garrison, 293-8633.

SHOWER DOOR, tempered glass sliding type, fits 50" opening, \$35. Folkins, 344-5917.

KING SIZE MATTRESS & matching foundation. Shew, 299-8045.

2 TIRES, GR78-14, Goodyear, custom polysteel, whitewall, steel belted radials, \$40. Daut, 255-2529.

CHAIR, orange velvet, contemporary, swivel, \$35. Monk, 881-0784.

YARD SALE: household items; clothing; bedding; construction materials; furniture; misc., June 15-17, 2710 Los Arboles Place NE. Freyermuth, 299-2053.

4 TIRES, HR 75x1500. Hernandez, 881-4866.

QUADRAFLEX ST-19 stereo speakers, 3-way, 12" woofer, 10-100 watt range, mild usage, \$275/pr. Kovacic, 281-1754.

GOLF CLUBS, set of 9 Ben Hogan Apex irons, \$75; ladies Bagboy golf pull-cart, \$20; 25" TV color console, \$250. Chandler, 296-3323.

TIRES: 9.50x16.5, 5000 miles remaining, 3 for \$25. Kohut, 296-8537.

GE 7700 BTU refrig. air conditioner, adjustable window mounting included. Bolwahn, 898-5961.

RED DOBERMAN PUPS, males & females, ready on June 25, \$50 ea., parents may be seen. Martinez, 821-8692.

BALDWIN Orga-Sonic concert organ w/Leslie speaker, solid walnut cabinet & bench, asking \$750, consider offer. Lyon, 299-9423 or 884-8515.

'74 LAYTON travel trailer, 19', self-contained, sleeps 6, tandem axle, 3-way refrig., Santana, 293-1555.

GAS WALL HEATER, 35,000 BTU w/thermostat & fan, \$90. Anderson, 296-0892.

WARDS disposal, \$5. Robertson, 298-1048.

6' HIDE-A-BED SOFA, green, \$50; 7' sofa, \$85; 14'x14' gold carpet & pad w/15' hallway runner, \$35. Aragon, 294-0225.

REAR BUMPER for Ford pickup, \$25. Kennedy, 293-9455.

UPHOLSTERED modular table & chair, \$60; Scandinavian wool rug, 6'x9', \$40; sewing machine, \$25; TV, \$30; drapes, \$15. Feibelman, 242-1946.

SEARS lightweight push mower w/grass catcher, \$35. Baca, 296-8474.

FREEZER, 17 cu. ft., upright, white, single door, \$150. Norwood, 293-2450.

OUTBOARD MOTOR, Evinrude, 4 hp, as is \$15. Snyder, 296-5771.

SEARS 18'x4' swimming pool, new, still in box. Apodaca, 299-8515.

COFFEE TABLE, 20"x48", \$18; RCA 19" B&W TV w/stand, \$50; Simmons hide-a-bed, blue/green, 90" wide, \$125. Sublett, 298-1004.

SOFA BED, queen size, \$95; Necchi sewing machine & cabinet, \$50; 1930 vintage dresser & chest, \$30. Oliver, 299-5512.

CHILD CARE, hot lunches, located between Eubank & Wyoming, \$25/week. Johnson, 294-1290.

REFRIGERATOR, 18 cu. ft., icemaker, frost free, white, \$200. Beyers, 265-4555.

TRANSPORTATION

'72 CHEVY VAN-10, 1/2 ton, \$300 below book, racks available, terms. Browne, 881-3772.

'78 HONDA Hawk Hondamatic motorcycle, Vetter fairing, Bates travel bag, 400cc, 2300 miles, \$2000. Koontz, 821-3910.

'71 FORD Galaxy, \$250. Wrobel, 255-3062.

SAILBOAT, 19' O'Day Mariner, \$2750. Frazier, 345-2068.

'74 CHEV 3/4 ton camper special, AT, AC, PS, PB, new tires-brakes-paint & overhaul, \$3000. Kerr, 299-7527.

'74 OLDS Cutlass Supreme stn. wgn., AC, AT, PS, PB, low mileage. Braasch, 268-8416.

'77 MERCURY Monarch Ghia, AT, PS, PB, PW, power seat, tilt steering, cruise control, 35,000 miles. Mirabel, 296-2539.

'73 VEGA, 400 small blk, V8, AT, 2.73 Posi, 12 bolt rearend, PS, AC, wide tires, orange & white, \$3000. Bentz, 256-9720.

BOAT, motor, trailer: 14' runabout, 35 HP Seaking, \$350. Andersen, 294-8624.

'71 FORD LTD convertible, brand-new from bumper to bumper, PS, PB, power top, AC. Yanic, 821-0999.

'70 FORD pickup, 1/2 ton, AT, AC, SWB, 390 engine, \$1300. Railey, 898-0519.

MARK TWAIN 20', deep V, 165 HP Mercruiser I/O, white, turquoise interior, Rolco tandem trailer, \$3895. Sumlin, 869-9124.

'71 PONTIAC Trans-Am, 400V8, 4-spd., new upholstery, orig. paint, AM-FM stereo, \$2500. Daut, 255-2529.

'74 MERCURY Comet, 4-dr., 6-cyl., AC, \$1700. Sanchez, 842-0874.

'76 FORD LTD, 4-dr. Brougham, AC, PB, PS, stereo, \$2700. Portugal, 299-4983.

'69 BUICK Skylark, AC, PS, AT, reg. gas, floor shift console. Adams, 256-7265.

'78 FORD van, club wagon, \$6995; '72 Chev. Suburban 3/4 ton, \$2395; 20" boys bike, \$20. Konkel, 299-5108.

'66 OLDS F85, 4-dr., radio, AT, PS, AC, steel belted radials, \$490. Huddle, 881-2971.

BRICKLIN SV-1, gull-wing doors, all power, AC, AM-FM, \$9900. Norris, 877-6415.

'73 YAMAHA Enduro 100, low mileage. Boverie, 255-1071.

'70 INTERNATIONAL 3/4 ton, 4-wd. pickup, extra tanks, cabinet bed, all options, make offer. Barnette, 298-9227.

'77 GRANADA, 302, V8, PS, PB, AT, AC, FM stereo, 12-mo. warranty on all mechanical, \$3995. Bruggess, 296-4254.

'77 SCOUT II convertible, 20K miles, AM/FM cassette, white spoke rims, AT, \$5000. Kovacic, 281-1754.

'73 VEGA hatchback coupe, 4-spd. trans., radio, CB, \$350. Anderson, 293-2490.

BOY'S 24" Schwinn Varsity bicycle, 10 spd., Moyer, 2916 Florida NE, 881-0754.

'72 PLYMOUTH Fury 3 Gran coupe, 57,000 miles, 360 CID, AM/FM, PS, PB, CC/Auto., overhauled, \$975. Hoice, 821-7590.

'75 SUZUKI 550: '68 Simca 4-cyl. Apodaca, 299-8515.

'68 MUSTANG HT, 302 engine, AC, PS, 8-cyl. Maciolek, 821-5335.

SHARE in flying club, \$1600, fly C-182 at \$16/hr. dry or C-210 at \$25/hr., fully insured. '73 VW BUS, new brakes, \$2150. Thompson, 299-0092.

WANTED

CB RADIO; small evaporative window cooler. Hall, 298-8617.

ROLL-AWAY BED in excellent condition. Prevot, 864-3816.

GOOD HOME for calico cat found in Sandia Park, female, good natured, free. Marshall, 281-5821.

BEEN TO TAHITI? Party interested in going there would like to hear & learn about your experiences. Gordon, 299-1879.

MID to late 60's VW, good body w/blown or missing engine. Cave, 299-5066.

MINI Corvette auto for children. Maldonado, 821-5041.

TRS-80: need level 11-16K, will pay \$500. DePuydt, 281-3092.

BABYSITTER, occasional evenings for 1 child, \$1.25/hr., 522 Vassar SE, near UNM. DiPaolo, 265-7350.

BASEBALL CARDS issued between 1900-1970, Collectors Price Guide will be used on prices paid. Keck, 294-5593.

YOUR JUNK: anything for donation to Volunteer Fire Dist. #10 fund raising Flea Market. Mason, 281-3052.

GAS GRILL w/propane bottle. Schroeder, 344-1011.

BACKPACKING equipment. Boverie, 255-1071.

CHET ATKINS "My Favorite Guitars" on disk, cassette or 8-track cartridge; buy, borrow, or swap. Hughes, 299-6674.

PATIO FURNITURE, wood, chairs, lounge, table. Moss, 298-2643.

EMPTY 3-lb. coffee cans, would appreciate phone #'s of any individuals or organizations who would donate. Horton, 255-7661.

REAL ESTATE

1/2 ACRE WOODED LOT, mobile home, elec., Bluewater Lake, \$6500. Brown, 821-3636.

4-BDR., 2000 sq. ft., many amenities, near Blue Cross Bldg., \$74,000. Hymer, 298-2232.

MOBILE HOME, 1974, 12x70, North Hills MHP, 3-bdr., 1 bath, disposal, washer, dryer, dishwasher, \$11,400. Bullington, 821-7357 after 5.

LITTLE TURTLE TOWNHOME, 2-bdr., 2-1/2 baths, LR w/fp, DR, garage, storage, patio, dishwasher, stove, all elec. David, 884-7589.

ABOVE Albuquerque, 3-bdr., 2-1/2 bath, garage, lg. FR w/fp & cathedral ceiling, \$75,000 CTL or conventional refinance. Bolduc, 298-9985.

THREE N. Abq. Acres, Alameda near Hamilton, Unit 1, Block 1, Tract IIIQ, Lots 12, 13, 14, \$36,000. Phillips, 881-2450.

4-BDR., 1 1/4 baths, den w/Kiva fp, near intersection Lomas & Tramway, \$64,900. Baca, 293-8710.

NEW TOWNHOUSE, 1650 sq. ft., 2-bdr., 2 bath, fp, walk-in closets, storage closets, dbl. garage, NE, Sale \$75,500, lease, \$430/mo. Landrum, 298-6333 or 821-6189.

5 ACRES Cedar Crest, new well, \$35,000, terms negotiable. Kennedy, 293-9544.

3-BDR., DR, FR, LR, 1 1/4 bath, dbl. garage, Lomas/Juan Tabo area: 713 Mildred; \$49,700. Kent, 293-4168.

3-BDR., den, carpeted, garage, 1300 sq. ft., \$42,000, CTL or refinance. EerNisse, 298-3968.

'70 TOWNCRAFT MH, 12x52, AC, appliances, must be moved. Prusak, 345-3764 after 6:30 or weekends.

NE HEIGHTS, 3-bdr., 2 baths, LR, DR, FR w/fp, dining area in spacious kitchen, fully landscaped, 2 1/2 yrs. old. Dawson, 296-6173.

5 ACRES off N-14, water, sewer & elec. Rupe, P.O. Box 715, Cedar Crest.

FOR RENT

LEASE: 3-bdr. townhome, 2-1/2 baths, dbl. garage, den, fp, no pets, \$500/mo. incl. water, pool, first/last/damage. Frazier, 345-2068.

SANDIA HEIGHTS, new custom 4-bdr., 1 acre lot, city/mtn. view, \$625/mo. Chang, 296-7264.

CABIN on Hondo River near Taos Ski Valley, deluxe accommodations, fully equipped kitchen, sleeps 8. Peet, 294-1250.

NEW, lg. 2-bdr. units, fp, porch & balcony, w/d hook-ups, no pets, \$300, 12600 Dunes. Thalhammer, 298-8521.

NEW 2-bdr. apt., 116 Dallas SE, near KAFB, \$225/ho. plus gas & elec., children allowed, no pets. Rivera, 266-3184.

LAKE FRONT CABIN, Vallecito Lake near Durango, modern, 3-bdr., fp, fishing, boating, horseback riding, other vacation attractions nearby. Croll, 881-7235.

NE location, 3-bdr., 2 baths, carpet, lg. garage, avail. July 15, \$425/mo., first, last, DD. Haushalter, 821-2933.

LOST AND FOUND

LOST — Highland's Univ. class ring, green & blue cotton zip jacket, keys in brown leather case, bifocal glasses in case; sweater, raincoat & scarf in paper bag.

FOUND — Silver Elgin ladies' wristwatch, Gideon bible (Mike Beesbower), ladies' wristwatch.

LOST AND FOUND, Bldg. 832-264-1657.

T-Bone Tonight, Luau Tomorrow

HAPPY HOUR TONIGHT sees 16 oz. T-bones on the buffet spread, a group called Smoothie wired into the bandstand. Happy Hours start right after work every Friday evening, run until midnight or so. Special prices are in effect all evening. If you haven't been to the Club for a while, try it. The food is great, and the drinks are the most reasonable in the city. Music these days is like this — if you disco, then disco; if you rock, you can rock; if you do the sagebrush shuffle, shuffle. There's something for everyone. The snack bar and patio area are open on Fridays until 9 — bring the kids, try the hamburgers and relax on a fine summer evening. Call the Club office, 265-6791, to reserve buffet tickets.

TOMORROW the Club's annual Hawaiian Luau starts roaring at 6:30 p.m. A special Polynesian dinner, special entertainment and special tropical drinks are part of the festivities. Call the Club office *right now* to see if there are any cancellations. More than 400 reservations were booked early last week.

NEXT FRIDAY at Happy Hour surf and turf tops the buffet menu, a group called Tumbleweeds plays for dancing.

TEENAGERS should enjoy a disco with Ricci Dustin on Thursday, June 28, from 8 to 11. Member parents must pick up tickets for their youngsters.

A CLASS for advanced disco dancers starts Wednesday, June 20, and will meet for five weeks. The course costs \$15 for members. Enroll at the Club office.

TRAVEL DIRECTOR Ed Neidel announces two new travel packages this week. The first is actually the Club's longtime favorite — Mazatlan in the fall. Two trips are scheduled — Nov. 5-12 and Nov. 12-19. Each includes round trip air fare, airport transfers, seven nights at the Playa Mazatlan (sometimes known as the Coronado Club South) and a



BUDDY MORROW leads the 16-piece Tommy Dorsey orchestra appearing at the Club July 4 from 9 to 1. Reservations are required.

cocktail party. The package costs \$259, double occupancy; singles pay \$55 extra.

The second package is a week starting Sept. 15 at a new resort on the Mexican Pacific coast about halfway between Puerto Vallarta and Acapulco, a place called Ixtapa. The hotel, built by the Mexican government, is the new and luxurious Hotel Riviera del Sol. A great beach, fishing, golf and tennis are available. The package costs \$409, double occupancy. See Ed in the Club lobby tonight between 6 and 7. He also has tours to Europe and Hawaii plus special excursions on the Cumbres and Toltec scenic railroad.

FLASH — Nancy Sanchez, Club entertainment director, called at press time to report that she has booked the Tommy Dorsey band for a special dance July 4. The 16-piece group, fronted by Buddy ("Night Train") Morrow, plays the old TD book — arrangements by Sy Oliver, Charlie Shavers, Van Alexander — the stuff of the '40s, the substance of sentiment. The group will appear from 9 to 1. Reservations are required, 265-6791; tickets cost \$5 for members, \$7.50 for guests.

Take Note

Field Command, Defense Nuclear Agency, on KAFB acquired a new commander June 11 when the Army's Brig. Gen. John Mitchell succeeded Maj. Gen. Grayson Tate, who will assume new duties in Huntsville, Alabama as commanding general of the Ballistic Missile Defense Systems Command. Gen. Mitchell previously served with the 1st Infantry Division at Fort Riley, Kansas.

Popejoy Hall's 1979-80 Cultural Entertainment Series has been announced, with 13 shows being offered during this fall and next spring. The series is a kind of potpourri: the Chinese Acrobats of Taiwan, the St. Louis Symphony, a big band festival entitled *The Fabulous Forties*, the Paul Taylor dance company, Harry Belafonte, and more. Call Popejoy on 277-3121 for subscription information.

Two paintings by retiree Felix Padilla (who still occasionally draws cartoons for LAB NEWS) were awarded a second place and honorable mention in the 11th National Art Show sponsored by the Fine Arts League of Southeastern Colorado. The show was held in La Junta. Felix paints New Mexico landscapes using acrylics.

Visiting Sandia earlier this month was Juan Eibenschutz, Director General of Energy in Mexico (the DOE of Mexico). He was accompanied by John Deutch, DOE's Acting Assistant Secretary for Energy Technology, and Senator Pete Domenici. The group listened to descriptions of the Labs' energy programs and concluded their visit with tours of the Midtemperature Facility, the Vertical Axis Windmill and the Central Receiver Facility (Power Tower).

Three Sandians will be taking special interest in the progress of that Corrales man and his son who plan to run their Model A Ford from the tip of North America to the tip of South America. Rob Gunter (1485) did the sheet metal work on the built-on camper, Sam Griego (1485) did painting and body work, and Bill Palmer (1473) painted the various signs which adorn the rig. The trippers estimate the journey will take six months.

Perform a death-defying act.

Stop smoking.



American Heart Association



INTEC stands for In-Hours Technical Courses, and a two-day orientation and workshop was held early this month for INTEC instructors, proctors, tutors and course supervisors who are preparing for the fall '79, spring '80 academic year. Gene Reed (VP-2000), Chairman of the Education Committee, and John Crawford (2500), Chairman of the On Premises Education Committee (shown standing), were among the speakers discussing INTEC plans and operations.