



SANDIA BULLETIN



Vol. 3, No. 14

SANDIA CORPORATION, ALBUQUERQUE, NEW MEXICO

JULY 6, 1951

Seeing New Mexico on Weekends



Photo by James Karo, 2462.

A VAST EXPANSE OF NEW MEXICO greets the eye when you reach the top of the Sandia Mountains. This view south shows the mountains behind Socorro, about 75 miles south of Albuquerque. On the clearest days it is possible to see over 150 miles up and down the Rio Grande Valley.

One of the easiest, and perhaps the most spectacular drives in New Mexico, is only a short distance outside the city of Albuquerque. This is the Skyline Drive, commonly known as "the trip to the crest." It takes you atop the Sandia Mountains 10,678 feet above sea level, where you may see 150 miles up and down the Rio Grande valley.

The Skyline Drive may be completed in half a day if you don't tarry too long. But don't hurry, the scenery is too spectacular, the view too breathtaking to leave. Here is a motor log of your trip. Leave downtown Albuquerque and head east on Highway 66. Read your speedometer at the underpass. When you have gone 16.2 miles turn left onto the Loop Drive, State Highway 10. At the 22.1 mile point turn left from Highway 10, staying on the loop drive. From there to the crest the road is unpaved, but maintained.

See Skiing Area

When you have gone 27.6 miles you will be high in the pine forests on the eastern slope of the Sandia Mountains, at the winter sports area

which has one of the finest ski runs in New Mexico. The forest service keeps the road open that far all winter long. The remainder of the trip can be made only in the summertime.

The road forks two miles beyond the ski run when you have driven 29.6 miles and the crest road is the left branch. At the junction the altitude is 8,652 feet. The crest will be reached when your speedometer reads 34.2 miles. There is ample parking space for your car. Get out and behold the awe-inspiring view. You are 10,678 feet above sea level.

Coronado Was Here

For the return trip drive back down the road to the fork and turn left to return to Albuquerque by way of the town of Bernalillo. At the 61.2 mile mark you will be in Bernalillo, near the site of Coronado's camp in the winter of 1540-1541. Travel south on Highway 85, past the Sandia Indian Pueblo at the 65-mile reading on your speedometer and complete the trip in downtown Albuquerque after a drive of 78.4 miles.

The drive may be made from June to October. There are many picnic sites along the road. And keep your eyes open; you'll probably see some of the game which abounds in the forests.

Sandian Awarded Scholastic Honor By U of Kentucky

Gino Carli, 1282, has received word that he has been named recipient of the E. B. Ellis award for outstanding scholastic work at the University of Kentucky College of Engineering. The



Gino Carli

award, which includes a check for \$100, is given each year to the senior who had the highest grades while a freshman and sophomore. Gino graduated from the University of Kentucky in January, 1951, with a bachelor of science degree in electrical engineering, and joined Sandia Corporation in March.

Born in Pennsylvania, Gino graduated from the New York City public schools and worked for an electrical engineering firm in New York for seven years before going to college.

The letter from Dean of the College of Engineering informing him of his award reads in part:

"Each year the College of Engineering awards the E. B. Ellis Prize in the amount of \$100 to the graduating senior who made the highest scholastic standing during his freshman and sophomore years.

"I am very happy to inform you that you are the recipient of this honor for the 1951 class of graduating engineering students. May I offer my hearty congratulations to you and compliment you upon the record you have made throughout your college career here at the University of Kentucky. The college of engineering is proud to number you among its many fine graduates."

June Employment Statistics Show New Hires Came From 23 States

One hundred and sixty-eight new employees started work for Sandia Corporation during June, figures compiled by the Employment and Personnel Department show. There were 115 men and 53 women.

Indicating that the Corporation is a young man's organization is the average age of the new employees: 31 years for men and 25 for women. One hundred and twenty-five of the men and women hired during the month were married. They have an average of two children per family.

College degrees are held by 57 of the new employees. Of these 26 graduated in June, 1951. Bachelor of science or bachelor of arts degrees are held by 43 men and women, 10 have master's degrees and four have Ph. D. degrees.

New employees for the month of June came from 23 states. Following are the states represented and the number of employees from each:

New Mexico, 112; Texas, 8; New York and Wisconsin, 7; Colorado, 6; California, Indiana and Kansas, 4; Arizona, Illinois, Iowa and Michigan, 3; Massachusetts, Utah and Wyoming, 2; Alabama, Kentucky, Minnesota, Mississippi, North Dakota, Ohio, Oklahoma and South Carolina, 1.

Statistics compiled from personnel records show that technical employees of Sandia Corporation are graduates of 130 different colleges and universities in 43 states and Canada, Peru, Scotland, France and Norway.

New Features Added To Coronado Club Activity Schedule

Summer festivities are in full swing at the Coronado Club. The new entertainment committee under the stewardship of Leo Dunn issued the July calendar of activities this week, adding some new attractions.

Square dancers will hold sway tonight in the ballroom, and a regular informal dance will be held tomorrow night with Rita's orchestra providing the downbeat. Rounding out the busy weekend will be another Sunday evening buffet dinner and dance—the only one scheduled this month. Get a party together and have the time of your life and a real feed.

The committee is offering an evening of Canasta next Thursday, at a quarter per player, and bridge the following Thursday.

Other attractions for the month are two more free Arthur Murray dance instruction sessions, a beach party with barbecue and dance, and an evening of watching old fashioned flickers. The complete calendar for the remainder of the month is printed below.

- Friday, July 6, Square Dance.
- Saturday, July 7, Informal Dance.
- Sunday, July 8, Buffet Dinner Dance.
- Tuesday, July 10, Square Dance Instruction.
- Thursday, July 12, Canasta Party.
- Saturday, July 14, Informal Dance.
- Tuesday, July 17, Ballroom Dance Instruction.
- Wednesday, July 18, Bingo.
- Thursday, July 19, Bridge Party.
- Friday, July 20, Square Dance.
- Wednesday, July 25, Old Fashioned Flickers.
- Saturday, July 28, Informal Dance.
- Tuesday, July 31, Ballroom Dance Instruction.

A Close Brush With Tragedy Ends Happily for a Sandian and Her Son

Dolly Willis, 4131, had occasion to be a mighty worried mother recently, but providence wrote a wonderful ending to her long days of anxiety.

Son Goes to Korea

Here's the story:

Dolly's son, Guy, worked for Sandia Corporation in 1500 and when the Korean war broke out, he reenlisted in the Navy. He was assigned to the destroyer Walke which sailed last January from San Diego for Korea.

For several months Guy wrote his mother regularly, telling of the ship's long trips up and down the Korean coast in which they supported shore action. Short periods of rest were enjoyed in Japan by members of the crew while the ship was refueled and supplies taken on. Then they'd go back to the war zone.

The last letter Dolly received from Guy while he was on board said that it would be two more weeks before they returned to Japan. About June 10 Dolly received word that Guy was to be transferred from the Walke and assigned to a Navy unit at Sandia Base. Dolly was delighted that her son was coming home to be stationed here.

Hears of Explosion

At noon, June 14, Dolly was listening to a radio newscast and heard the report that the destroyer Walke had been damaged by an underwater explosion with 26 men killed and seven injured. Then there was no more news. She did not know if Guy had been transferred previously or if he was still on board.

Two days later a member of the Associated Press staff in Albuquerque telephoned her that the list of dead did not contain the name of her son.



Guy Willis

Still no word arrived to tell if Guy had been injured. Dolly carried on with the theory that no news is good news. She stayed at work and kept her worries to herself. After a few more days she received a letter from a Roswell, New Mexico, amateur radio operator that a message to him told that Guy was on board a tanker headed for Japan on the day the Walke was damaged.

After another day a pack of letters arrived from Guy. He had received his orders June 8, left the Walke shortly after that and will be in Albuquerque July 15. After a 20-day leave with his wife and family he will report to duty on Sandia Base.

And that is the happy ending of the story of Dolly and her son Guy.

Travelers Cheques Available at Low Rate to Employees

Now that vacation time is here everyone is getting ready to grease the car, pack a suitcase, round up the youngsters and take off on the open road. Vacations cost money, and that's no news, so it is a good idea to protect your money while away from home.

American Express Company Travelers Cheques may be purchased at the cashier's office in Building 830 at a special low rate. To employees of the Corporation the cost is one-fourth of one percent of the face value of the checks—that is 25 cents per \$100. They are available in denominations of \$10, \$20, \$50 and \$100 for personal use.

Employees who are planning to leave on their travels immediately after work may cash their vacation pay checks at the Financial division and receive Travelers Cheques for them. Vacation pay checks are ready Friday afternoons after the banks have closed and this service will permit travelers to make an early start.



A PERFECT HOT WEATHER JOB is demonstrated by Wesley Haig, 1532, and Charles Grassham, 1531, as they check performance of equipment in 20 degree below zero weather. They don't mind this cold and frost too much. The cold chamber can be regulated to a temperature as low as minus 65 degrees Fahrenheit and sometimes they work in that frigid climate.

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Friday, July 6, 1951

Published for the employees of Sandia Corporation, Albuquerque, New Mexico.

Robert S. Gillespie, Editor

Photography by Photographic and Reproduction Division

The Sandia Bulletin is published every other Friday. Contributions should be mailed to The Bulletin, Employee Services Office, Building T-301. News items should be in The Bulletin office at least one week in advance of publication date.

Telephone Ext. 25253

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Motoring Manners . . .

It was known as gallantry in the old days and at the present it is courtesy, but no matter what the title, today it is taking a beating. Put a Sir Galahad or a Sir Walter Raleigh at the wheel of an automobile and there is an even chance he will lose some of his good manners.

One of the unexplainable phenomena of our times is that many perfectly rational, polite, gentlemanly people turn into Terrible Tempered Mister Bangs when they take a wheel in hand. It happens every day, but no one knows why.

The gentleman who would gladly step off a sidewalk into ankle-deep mud to let a lady pass turns into a demon when protecting his right-of-way on the highways. He'd gladly wait to let a dozen women come out of a door, but he would risk a mashed fender to get into the line of traffic at the intersection of Ridgecrest Drive and Gibson Avenue.

This peculiar human trait extends to some women motorists too. Though she protests when a gentleman offers her a seat on the bus she expects rights far beyond the motor vehicle code when driving in traffic. She may pride herself in speaking softly and kindly to friends and strangers alike, but unnecessarily she will jar the eardrums of an unsuspecting pedestrian with a blast of the car horn.

We're not trying to diagnose this strange human behavior nor are we trying to point a finger at any one man or woman. We are merely commenting on an existing condition. One final observation: when the motorist gets back to the normal courtesy he practices when not in an automobile a lot of accidents will be avoided.

Salton Sea News

Welcome to Misses Yvonne Jeanette Young and Valerie Ann Young, daughters of Mrs. Jeanette Young, auditor for Fred B. Prophet Co., San Felipe Lodge, who have just arrived to spend their summer vacation.

Salton Sea personnel are enjoying weiner roasts on the patio, square dancing, and buffet dinners. Ted Sprink really cooks a fancy hot dog on his portable charcoal broiler. Speaking of food—words can't describe the look and taste of the dishes being put out by Chef Sylvia Absher, First Cook George Maurer, and Baker Frank Arganian, for the buffet dinners.

Salton Sea Base personnel express their sympathy to Melvin A. Reynolds for the recent loss of his father.

A safe driver is one who lives longer and happier, obey traffic rules and use your head.

Two Sandians Go to Air Force and One Recalled by Marines

Three more Sandia Corporation employees have recently entered military service. Roy Tauche, 2124, was recalled in early June to duty with the Marine Corps. Loren T. Edmondson,



Tauche



Edmondson

Jaramillo

2331, left June 18 to rejoin the Air Force. He was a reservist and was recalled to active duty. Benjamin Jaramillo, 2415-1, went on military leave last week to enlist in the Air Force.



MOVIES AT SALTON SEA BASE are enjoyed by employees and their families each Wednesday evening at the San Felipe Lodge. Ed Rideout and Norman Richardson, both 1614-2, operate the projectors showing full length features. Above Ed is threading the second projector while Dewey Stout, 1614, makes the dual changeover which he designed for a continuous show.

Five employees were welcomed to 1220 recently. Dick Pershing transferred into 1222 from 2224 and Marie Hubbs transferred to 1220 from 2122. New employees are: Jim Coger, 1221, from Pampa, Tex.; Roger Baroody, 1221, from Laramie, Wyo., and Duane McClelland, 1222, from Grand Forks, N. D.

A snowy vacation made Louise Fornero, 1220, and her husband glad to get back to New Mexico after visiting Yellowstone National Park.

There'll be much huggin' and kissin' when Arlene Breslin meets her husband Bob who is on his way home from Korea. The couple plans to head for a vacation in Ruidoso as soon as Bob gets home. Arlene works in 1221.

Personnel of 2464-2 put out the welcome mat recently for three new employees: Roy Goolsby, Wilma Bird, and Shirley Jeffers. They are all from Albuquerque.

Mexico City is getting a big play from Sandia Corporation vacationists. Mary Pattillos, 2464-2, and her husband have probably met lots of other Sandians on their vacation in that tourist's paradise.

"It's a girl," Lin Price, 4120, is button-poppingly proud to announce. The Prices also have another child, a little boy.

A. D. Gragg, a new employee, was welcomed into 1132 recently.

Ed Domme, 4231, homesick for the ol' homestead in Kansas, made a hurried trip to Topeka recently for a family reunion.

Bob Cox, 4233, after making a recent trip through the scenic mountains of Colorado, has become an ardent enthusiast for the state. His co-workers have been busy pointing out the compensating features of New Mexico.

Bob Schmuck, 4232, was a confused man last week it is reported. He received a document so highly classified that it was marked "destroy before reading."

4230 extends a welcome to Mrs. Rosalie Walker, a new member of the organization. Rosalie, and her husband Clyde, who works in 1621-3, have been in Albuquerque for a year. Previously their home was in Oklahoma.

George Shambaugh, 2430, is back from his Grand Canyon vacation. He has some fine snapshots as a memento of a wonderful vacation.

Best wishes and a speedy recovery to Mrs. Klienlen who has been ill. Al, her husband, works in 2432.

Congratulations are due LaVern Dourte, 2433, on his recent marriage.

There are two new car owners in 2430. Roland O'Trimble is sporting a new 1951 Ford and Dave Hake has a new 1951 Plymouth.

Danny Padilla, 2433, and Bill Husted, 2432, are back on the job looking rested and raring to go. Bill vacationed with his family in Muskegon, Mich., and Danny spent his vacation at home in Albuquerque, just taking life easy.

John Daniels, 2233, recently received word that his 70-year-old mother in Portales fell and broke her hip. She is getting along fine after her accident and is expecting to make a rapid recovery.

W. E. Myers, 2234, has been elected commander of Disabled American Veterans Post No. 3 in Albuquerque.

Willie Reed, 2233, owns two farms near Athens, Tenn., and reports that he has the finest sprinkler system in the world. Good old Jupiter Pluvius handles the task admirably.

Lela Vaughn, AEC, is now vacationing and visiting at her home in Muleshoe, Tex. Coy Dickens is also on vacation and is spending her days with her family in Poplar Bluff, Mo.

AROUND THE DEPARTMENTS

Bob Borah, AEC, had an accident recently while returning from El Paso. His car hit a horse which wandered onto the road. The car was damaged some, as was the horse.

Mr. and Mrs. Harry Weber are proud of their new son, Stephen Von Weber, born June 22. Harry is with the AEC at Sandia.

Margie Bolton, 3153-1, spent a week's vacation entertaining relatives from Graham, Tex.

Mildred Ness, 3153-1, spent a week's vacation in Chihuahua, Mexico. Mildred's husband was home from the University of Wisconsin for a week between semesters.

Neta Tyler, 3153-1, spent a week fishing and resting at Red River, N. M.

Jim Hinsdale, 3151, spent three weeks in Michigan and Tennessee visiting relatives.

Peggy O'Byrne, 4231, returned from Baltimore, Md., where she and her husband spent their vacation. While in Baltimore they celebrated their eighteenth wedding anniversary. Peggy's husband, Thomas, is stationed at Sandia Base with the Military Police.

Joining the ranks of the new fathers in 2232 is Robert W. Hughes. He and Mrs. Hughes became the parents of a fine daughter recently.

Recent vacationers in 2232 include M. W. Daniels, A. F. Randall, C. N. Puthoff, K. G. Foster, E. L. Gunn and Sam L. Johnson.

Co-workers in 2230 welcome Wanda Mae Hughes back to work after her long illness.

The New Mexico enchantment was really appreciated by Monte and Margaret Lawton on their return from a vacation in Oklahoma. They were deluged by heavy rains during most of the trip. Monte works in 2130.

Leonard DeLang's parents got a good look at historic points of interest in New Mexico during their short stay here recently. Leonard, 2130, acted as guide on forays into the surrounding country.

A picnic held by 2130 last Sunday at La Cienega Canyon in the Sandia Mountains, featured sports in the morning, food at noon, and relaxation to a background of recorded music during the afternoon.

Department 2114 and friends threw a picnic in Tijeras Canyon on the road to Mountainair recently. Baseball, horseshoe pitching and singing, with Chuck Strange, Rudy Ebacher and Barney Spohr alternating on the guitar, were included on the agenda of entertainment.

Ruth Larsen, 2461-3, with her husband and three children, left Monday for a long awaited vacation in Southern California.

Irene Heck, 2461-3, recently enjoyed a visit from her father, mother, brother and sisters. She is now on her vacation and is seeing Juarez and other points of interest with friends.

Mrs. Ruth Reynolds, 2462, was honored at a baby shower last week by two of her co-workers, Irene Heck and Iva Atkins.

Margaret Hood was welcomed as a new member of 4213-1 recently.

Lucille Montoya, 2461, is on vacation with her husband. They are visiting relatives and friends at Flagstaff, San Francisco, Vallejo, Santa Barbara, and Riverside. In Los Angeles they're going to visit relatives of each other that they have never seen before.

Francis L. Shea, 2234, is now on vacation and is seeing the sights of Chicago this week. He will also do some visiting in Milwaukee before returning.

Sally Leyba and Leo P. Apodaca were married June 29 in St. Therese church in Albuquerque. Leo's father, Solomon Apodaca, works in 2234. Leo works in 1267.

Joy Hunt, 2235, has finally consented to let her husband, Sgt. C. Hunt of Kirtland Field buy a new Oldsmobile 98.

Department 3150 welcomes Eileen Tixer and Charlie Goltermann. Eileen is replacing Bennie Wheatley who is leaving Monday to be a full-time housewife. Don't be fooled by the names "Charlie" and "Bennie"—they're both girls!

Will Ann Lamsens, 3153-1, is on the sick list. She had her tonsils removed and is getting along nicely.

Liz Wallick, 3152-3, is busily getting settled in her new home. A new house wasn't enough, so she got a registered Springer Spaniel named "Babette".

Mr. and Mrs. Linden Price are mighty happy about the arrival of their new daughter, Jo, born Monday, June 18. Linden works in 4120.

June 15 was a great day for Security Inspector Vivian Montoya and his wife. On that date they became the parents of a fine boy. Co-workers in 2452 offer their congratulations.

Marguerite Giannettino, 3125, has returned from vacation in San Diego where she and her husband, Pete, had a grand time absorbing the California sun.

Roy Dunlap, 2462, returned recently from his vacation trip to Ohio. Roy and his family report they had a good time back in the mid-west, but were glad to get back to New Mexico. Roy has lived in Albuquerque for many years.

Bill Kunetka, 3122, left last week with his family for a vacation in his home state, Texas. His travels are taking him on to New Orleans where he will visit for a few days.

U. M. Karpen, formerly division supervisor of 2416 has been named supervisor of the newly formed division 2471.

Fond memories of Albuquerque will be dimmed slightly for Clarence Meyer of Efficient Engineering Company, who completed several months of service in Department 1250 recently. Two days before he was to leave on vacation, before returning to the office in Detroit, his car was wrecked in a collision at Copper and Morningside. Clarence was able to obtain a new car, and started his vacation a few days late after recovering from a back injury sustained in the accident.

Carmie Smallridge, 3125, is vacationing in Southern California this week.

Virg Harris, 1622, reports that his wife, Milly, is making a satisfactory recovery at home after a serious operation recently.

Betty Moore has taken over 1710 department secretary, replacing Ginny Roy who transferred to 1621. Betty was employed in 1241 prior to coming to 1710. She attended Oklahoma University for two years, and then went to business college in Oklahoma City. Her husband is a staff sergeant in the Air Force, and they have an 8-year-old son. The Moores live on the base.

Walter Hook, new technical art director for 1713, hails from Missoula, Mont. Recently he was an instructor at the University of New Mexico in the Fine Art Department. Before that, he taught mathematics and physics at the University of Montana and later was a communications officer in the Navy. Walt is quite a good artist. Right now three of his water colors are on tour in Illinois, two others are on tour in Alabama, one is in the Denver Art Museum, and two oils and one water color are in the All-Albuquerque Show. Walt is married and recently purchased a home on South California.

YOUR HEALTH

Pulse Rates and Death Rates



A BLOOD PRESSURE TEST is performed on Martin Lucero, 2461, by Nurse Irene Palmer at the Sandia Corporation dispensary.

When a pretty nurse takes a man's pulse, chances are the patient is more interested in her big blue eyes than in his pulse rate. Few people think that a "fast" or "slow" pulse is of any great importance. Actually, as the speedometer which indicates how fast your heart is working, your pulse beat is something to watch pretty carefully.

At famed John Hopkins University in Baltimore, Md., Dr. Raymond Pearl, outstanding U.S. authority on man's length of life, has discovered through study of thousands of pulse records that there is a definite relationship between pulse rate and length of life. Long-lived persons averaged two fewer heart beats a minute than short-lived persons, a saving of over a million beats in a single year.

Taking a little closer look at the speedometer and the pump it is clocking, here's what we find. The healthy heart in an adult pumps about 70 times a minute, producing a pulse rate of 70 beats a minute. This adds up to 4,200 beats an hour,

100,800 a day, 36,792,00 a year. Nine to ten tons of blood go through the blood vessels, day in and day out.

Although we can't give the heart a full-time vacation, we can do much to ease its load. Suppose, for example, we cut down on our daily pace enough to save the heart two beats a minute over a year's time. By doing this we would actually give our heart the equivalent of a ten-day vacation. And a good night's sleep—eight hours—will save about 7,000 beats a day, the equivalent of a 25-day heart vacation once a year.

Much has been said about the effect of long-lived ancestors on a person's span of life. Heredity is a factor, but one that we can't do much about. On the other hand, we can build up our life reserve by giving our heart a break through adequate daily rest and relaxation, moderation in eating and drinking, facing problems with a little more decision and a little less worry, cutting down on that incessant inner drive before it reaches the "nerves" stage and finally, by obeying the distress signals when they appear. Let your doctor help you keep your life account solvent.

Sandia Radio Club Contacts 500 Hams In Field Day Test

More than 20 radio hams, including many from Sandia Corporation, participated in the nation-wide radio communications field day held recently as an exercise for civil defense. The 24-hour experiment took the Albuquerqueans to the community of Sandoval where they established contact with some 500 amateur radio stations throughout the United States and Canada.

Co-chairmen Bernard Cassidy and Lt. Ed English wish to extend their thanks to the many people who helped make the undertaking a success. They also wish to thank the McKee Trailer Sales for their generosity in loaning a trailer for use during the period. Members of the radio group report it added much to the success of the venture—it contained a well stocked kitchen.

Fried Chicken and Western Songs at Engineer's Picnic

A picnic featuring horseback riding and a chicken fry was held recently by the New Mexico chapter of the Institute of Radio Engineers. Frank Grosvenor, 1134, strummed his guitar while the picnickers sang Western songs. B. J. Bittner, 1132, turned the presidential gavel over to T. S. Church during the festivities. Among the West Lab personnel present at the affair were: George Arnot, 1134; George Oltman, 1132; Dan Locus, 1132; A. Perkins, 4211; Bob Chesnut, 4211.

Does Your Face Reveal Your Job ?



(A) Frank C. Ewing



(B) Allene Poindexter



(C) Jose C. Anaya



(D) Stella Snyder



(E) Evelyn Wallace



(F) Matt Joe Bustos



(G) Ilva Baldwin



(H) Julian Sanchez

What's My Job ?

Can you look at a person and tell what kind of work he or she does? To test your skill at matching faces with jobs, try this game. The hands of the people pictured above are engaged in their work in the pictures below. If you match seven you are an excellent judge, five is good, three is poor. Answers are on page four.



(1) Janitor



(2) Fork Lift Operator



(3) Secretary



(4) Artist



(5) Switchboard Operator



(6) Typist



(7) Security Inspector



(8) Draftswoman

SANDIA SECURITY INSPECTOR

Drives in Stock Car Races Each Sunday Night and Makes It Pay

If you have the desire for excitement you too may be able to earn \$6 an hour driving a hopped up jalopy on a quarter mile track. Security Inspector Louis B. Rowe puts aside his uniform once a week and pilots a friend's car in the contests at Speedway Park, near the east gate of Sandia Base, and the six dollar figure is his estimate of the cash reward of his hobby. However, he believes the satisfaction received goes far beyond the dollar measure. It's great sport.

Racket, Oil, Rubber

You've never seen an exciting race, Hot Rod Pilot Rowe claims, until you've watched a dozen souped up automobiles of varied and questionable vintage tear up a track,



"Billy" Rowe

filling the air with an unearthly racket and the smell of oil and hot rubber.

Louis drives a 1936 Ford with a 1949 Mercury engine and equipped with several special gadgets which give it added pep, power and safety. The car is responsible for much of a driver's success, Racer Rowe believes. "It's 40 per cent car, 30 per cent driver and 30 per cent luck," according to his figures. That adds up to 100 per cent, but some of the drivers would like to add a bit more on the luck figure without trimming the other percentages.

A firm belief that this type of racing is not dangerous is carried by Louis and the other drivers at Speedway Park. "It's safe because we are all going in the same direction with the same destination," he says. He believes it is much safer than Central Avenue during a rush hour. For one thing, the race drivers are all experts, and what's more they have both hands on the wheel and their minds on their business.

One-Hand Driver

In an ordinary race the cars average about 47.5 miles per hour around the quarter-mile track. The track record is 20.1 seconds for one lap. Recently in a 15-lap race Rowe came in first and had an average of 20.2 seconds per lap. Fans were astounded at the way he handled the car in the race—he had a cracked finger and the big white bandage over the splint loomed up like a light in a fog. "It was easy," he modestly says, "I drove with one hand and four fingers of the other hand."

The finger injury didn't come from racing. He was having a playful scuffle with a friend when he cracked the bone. Louis has never been hurt in a racing accident. The drivers and pit men are protected with a life and accident insurance policy and the track owner has a liability policy for protection of the spectators. The drivers wear special crash helmets and are fastened in their cars with airplane-type safety belts.

Louis is unassuming in his attitude toward racing. He isn't in it for the love of money. He started driving three years ago when he and a friend bought a wrecked sedan, rebuilt it and started out in competition. The Sandia stock car jockey is a square-faced, husky, pleasant fellow and it's difficult to imagine anything troubling him very much. The sight and sound of racing cars is music to his eyes and ears, but not at all awe-inspiring.

He's 25 years old and single, which seems to be a good thing for a dirt track driver. It wouldn't make any difference in his driving even if he were married, he says. "Stock car racing isn't dangerous."



Seven Sandia Corporation employees who received service awards Thursday, July 5, are pictured here. The presentation for Western Electric Company and Bell Telephone Laboratories was made by George A.

Landry, president of Sandia Corporation. Front row, L. to R., T. T. Robertson, Charles Olajos and Fred Schmidt. Second row, L. to R., J. F. Quirk, T. J. Jorgensen, E. C. Deuschle, and W. H. Pagenkopf.

Service Awards Presented to Seven Sandia Employees

Seven Sandia Corporation employees among those on special leaves of absence from the Western Electric Company and the Bell Telephone Laboratories were presented with Bell System service emblems by President George A. Landry at a recent meeting honoring them.

Receive Emblems

The men who received the service emblems and certificates are:

Charles Olajos who reached his 30th service anniversary with the Western Electric Company in June. He is assistant treasurer of Sandia Corporation and manager of department 3220.

Fred Schmidt, vice president and operating manager of Sandia Corporation, who completes his 30 years of service with the Western Electric

Company in July.

W. H. Pagenkopf, Sandia Corporation superintendent of manufacturing engineering, who completes 25 years of service with the Western Electric Company this month.

Robertson Completes 15 Years

T. T. Robertson, who completed 15 years of service with Bell Laboratories in March. Mr. Robertson is supervisor of Division 1251.

J. F. Quirk, division supervisor of 2312, who completed a 15-year period

with the Western Electric Company in June.

E. C. Deuschle who reached his 15-year service mark with Western Electric Company in June. Mr. Deuschle is department manager of 4120.

T. J. Jorgensen, who completes his tenth year of service with Western Electric in July. Mr. Jorgensen is supervisor of division 2332.

Mr. Schmidt, Mr. Olajos and Mr. Pagenkopf are among the some 9,000 Western Electric employees who have 25 or more years of service with the Bell System. Of those 9,000 employees more than 400 have been with the company more than 40 years.

IS THERE TIME ON YOUR HANDS?

Kids Keep Busy Through Summer With Odd Jobs

After school closes down and the long summer vacation begins, youngsters find themselves with lots of time and lots of things to do. But soon they discover a horrible truth that their parents have learned before them. Fun is seldom free.

Enterprising children whose parents believe in the advantages of early education set right to work when school closes. Then they soon have enough pin money to buy the ice cream and movie tickets that are such a vital part of summer vacations.

Early to Rise

For instance, 12-year-old David Hahn gets up at 5 a.m. seven days a week to deliver newspapers to his



David Hahn

more than 150 subscribers on Sandia Base. He makes \$16 a week and spends about one and a half hours a day working.

His mother and father, Geraldine Hahn, 2416, and Harry, 2123, believe that by earning his way at this age, David is getting a realistic education in independence and responsibility.

Peggy and Joe Boulais, 4122, are of the same opinion and they've put it into practice at a tender age indeed. Little Susan Ann, aged 4,



Susan Ann Boulais

drys the dishes for her mother every day. In addition she keeps her room in order and dusts the furniture—the low furniture, that is. For this Susan gets as many pennies per week as she is old. The tot can't wait until she's 5 years old and makes a nickel a week.

Variable Tips Help

Art John's son Harold, 16, works as both a pinboy and a busboy at



Harold Johns

the Coronado Club whenever they need help. In the bowling alley he draws down a dime for every line he sets up, plus tips which vary as tips will.

As a busboy Harold makes up to \$3.75 working from 4 to 9 p.m. on Sundays. A junior at Highland

High School, Harold figures his future lies with Naval underwater demolition teams after graduation. His father, Arthur, 2432, is non-committal.

Another young moneymaker is Ralph Spengeman, 12, who cuts lawns and delivers Sunday papers.

"I take whatever the customer feels the job deserves," the shrewd



Ralph Spengeman

youth says. Actually, Ralph has discovered a basic psychological principle and he's working it for all he's worth. People will usually give more if the decision is left up to them. It's sort of a challenge to their generosity. Once a generous soul was challenged \$2 worth for a single cutting, which Ralph feels is proof his system works.



LOUIS "BILLY" ROWE IN CAR 51 is boxed in as the field comes out of a turn in a race at Speedway Park in Albuquerque. Billy drives 51 for the owner and claims that it's safe and great sport.



A WEST LAB CHRISTENING is held for Bill Awmick, 1120, on the occasion of his recent promotion to the rank of chief petty officer. His mates performing the rites at the West Lab patio pool are Gil Blank, 1111; Martin J. Phillips, 1120; Larry Monroe, 1120; Bill Bonham, 1111; and Oscar Seigel, 1111, who is holding the soaked sailor's hat.

ANSWERS TO TEST ON PAGE THREE

(A-4) Frank C. Ewing, 2463, technical illustrator; (B-6) Al-lene Poindexter, 2221, typist; (C-1) Jose C. Anaya, 2415, janitor; (D-5) Stella Snyder, 4211, switchboard; (E-8) Evelyn Wallace, 1122, draftswoman; (F-2) Matt Joe Bustos, 2234, fork lift operator; (G-3) Ilva Baldwin, 4222, secretary; (H-7) Julian Sanchez, 2450, security inspector.

WHAT IS YOUR OPINION...

What Are Qualities You Hail in a Husband?

MARGARET "MAGGIE" FORD, 2114. (Married) I guess I'll have to give my own husband's qualities. First I'd say even disposition, sense of humor, no bad habits, such as alcoholism. I'd count the earning power next. Of course, I'd consider his character before his financial standing.



CAROLINE GILBERT, AEC. (Single) First of all, we should clarify whether it's someone else's or my own. As a rule it is best not to hail any of the qualities in someone else's husband. Usually his wife doesn't like it. In my own—money, money, money, money!



GENEVA R. O'DELL, 2231. (Single) I would say integrity and a sense of humor. Honesty is also important. Looks help but they're not the important item. It's also very important for a husband and wife to have an interest in common.



RUTH ANNE BRAUN, 1523. (Single) He should be strong and fairly intelligent. Lots and lots of money is very, very important as I'm tired of working. Then a good "poison-ality" is extremely necessary.



IDA J. PHILLIPS, 1241. (Married) I would want him to be considerate. I would want to like the same things he does. A sense of humor is very important and I would like him to take an interest in his home. My husband has all these qualities, I'm happy to say.



JUANITA B. McBRIDE, 2125. (Married) I like a man who is patient, understanding and naturally one that is helpful around the house while you're working. I wouldn't want him to be stingy and I would want him to be neat in appearance and also a perfect gentleman. He needn't be handsome.



BILLIE BECKMAN, 3123, displays the latest in safety shoe summer wear. She holds the new brown bal oxford with flexible single oak leather soles. The shoes have half rubber heels with a leather base, leather counter, and green Nado lined vamp. They are perforated for coolness and have steel toes. This Lehigh model L1621 sells for \$8.95 at the safety store in building 857.

E. J. Cooney New Superintendent In 4000 Organization

Edward J. Cooney has been named to the newly created position of



E. J. Cooney

Superintendent of Accounting for Sandia Corporation. The appointment was effective July 1.

For the past 20 years Mr. Cooney has been with the Teletype Corp. in Chicago, and has been comptroller of the company. Prior to this position he was with the Western Electric Company at the Hawthorne plant in Chicago for five years. He is a native of the Windy City and graduated from Loyola University there.

Mr. and Mrs. Cooney and their children, Eileen 9 and Joseph 3, formerly had their home in Elmwood Park, Ill. They are now living in the AEC housing area on Sandia Base.

Here Are Two People Who Have Done What the Rest of Us Only Dream

Nestled in the Jemez mountains is a place the Spaniards called Ojo del Osa—the Spring of the Bear. When those early explorers discovered Bear Spring, it was just a fountain bubbling in the forest. Now the water is piped to a big log lodge, a small cabin, and a corral and stable.

Trapped by Snow

Bob and Billie Todd were looking for just such a place when they came to New Mexico four years ago. Bob went to work at Los Alamos and tried unsuccessfully to buy the ranch from the old man who owned it. That winter heavy snow blanketed the Jemez. Bear Spring was covered to a depth of seven feet and the old man was snowbound without groceries or medicine for his sick wife.

After frantically phoning neighbors he finally got in touch with Bob. Riding a truck left over from an unprofitable field expedition service he operated in Texas, Bob headed up the mountain. It's 22 miles to Bear Spring from the highway, and it took Bob nine hours and 38 gallons of gas to travel the last nine miles.

When he got there the grateful owner offered to sell the place and Bob closed the deal on the spot.

For the past two years the Todds

have spent every weekend at their mountain lodge. Bob works in 1122 and Billie in 3160. Each Friday after work they load up their Jeep station wagon and start the two-hour drive to Bear Spring, 60 miles away.

Forest is Their Home

Twenty-two miles of the trip is along a forest trail winding precariously up the mountainside and through deep pine woods. Bob, a tall, ruggedly handsome woodsman, knows every twist in the road, every path through the mountains. His pretty wife, Billie—he calls her Wild Bill—has been at his side for the past 14 years while he's had a variety of jobs ranging from guide to artist.

Typical of Billie's attitude toward the husband and wife partnership is a remark she made several weeks ago when the Jemez mountain forest fire raged within two miles of their home. Friends were urging her to

leave the danger area, but Bob was out fighting the blaze and Billie refused to get out.

"As long as my husband's on the fire line, I'll stay here," Bob quotes her as saying.

Plans Landing Strip

Eventually they hope to make a guest ranch out of the five acres. Bob is in the process of getting a private pilot's license. He plans to clear a landing strip about three miles from Bear Spring. The spring itself will be used to make a huge pond that will be stocked with trout. A bunkhouse will be built out behind the lodge so that they can accommodate groups out for a week or weekend of roughing it.

The small log cabin will be ideal for young or old—honeymooners or a middle aged family looking for a quiet, scenic vacation spot. The lodge will be reserved for weekend guests only, and Bob intends to build a barbecue pit in a small oak grove behind the lodge.

Before the war Bob was an art director. Service as an Air Corps bombardier interrupted that and when he came back three years later he and Billie organized the Forward

Ho Field Expedition company to conduct guided tours into the badlands of west Texas. When the company folded, they came to Los Alamos and later to Sandia.

Water Like Wine

Right now they're remodeling the lodge. Bob is glassing in the porch, which he intends to use as a studio. Inside, the kitchen has been paneled in knotty pine, and Bob built a huge fireplace in the big living room. Electricity comes from a 10,000-watt generator that Bob spent a weekend hauling up the mountain and installing.

Seven thousand five hundred feet up in the mountains the air is light, cool and clear, the Bear Springs water tastes like wine, and the only sound is the breeze through the pines. It's a good place to live, according to Bob and Billie Todd, and they're very convincing people.

The next radio club meeting will be Monday, July 9, in T-317. Burt J. Bittner, 1132, will bring instruments and equipment to demonstrate radio wave propagation from mobile antennas. Actual plotting will be done with miniature mobiles on ultra high frequencies.



BEAR SPRING MOUNTAIN LODGE blends with the forest in the Jemez Mountains. Behind the lodge, to the left, stands the little grove of oaks that will be the site of a barbecue pit. In the foreground (l to r) are Billie Todd, her mother, Mrs. Dauntton Henslee, and Bob Todd. The eaves of their guest cabin can be seen at the extreme right.



BILLIE AND BOB TODD pose with Wiggles before the entrance to their lodge at Bear Spring in the Jemez Mountains. Those skulls on either side of the doorway are from wild horses. The couple live on the base and visit their ranch every week end.

Starlight Meeting Of Toastmasters At Coronado Club

Sandia Toastmasters club dined on the patio at the Coronado Club last Thursday evening, giving the speakers on the program an opportunity to test their lung-power in the great outdoors.

Main speakers were Corry McDonald, Art Jones, Dan McCarthy and Lt. Col. Gale Clevin. Eaton Draper gave the invocation and Jess Adkins conducted a topic discussion on memorable swimming experiences of the Toastmasters present. Toastmaster of the evening was Ted Sherwin.

HERE'S MORE

Department News

Gerry Hurley, newest instructor in 1713, came here from Kansas City, Mo., where he was employed by the Ford Motor Company. Gerry, a native of Monterey Bay area of California, has had quite a varied background. He received the B. A. degree from St. Mary's College in Maraga, Calif., the M. A. degree from San Luis Rey College in Santa Barbara, Calif., and has completed most of the work toward the Ph. D. degree at St. Bonaventure's in Olean, N. Y. Gerry lives on East Grand, is married and has two boys, ages 11 and 2.

W. F. Dietrich, 2300, ran into snow 23 feet deep at Lason National Park during his recent vacation in California. The cold stuff was piled in gigantic drifts along the road. He and his family visited San Diego, San Francisco, Los Angeles, Yosemite National Park, and Lason Park.

Joan Daut, who recently transferred to 3220 from the Voucher Section, is on vacation back east.

A bachelor's life is an unhappy one, reports Fred Fay, 3230. Fred's wife is visiting relatives in Boston, their former home, and Fred can't wait until she gets back.

Truman Daniel, 3231, has been called to Arkansas to the bedside of his seriously ill father.

3231 has extended a welcome to newcomer Bill Martin.

A crowded two week vacation was spent by C. E. Wheeler, 2130, and his wife recently. They toured through Boulder Dam, Las Vegas, Reno, and Salt Lake City.



SAFE AT THIRD, Al Hoge, 2123, Indian center fielder, winds up a long slide during a recent softball game between the Indians and the Dodgers. Manager Sam Allen, 2243, Dodger third baseman, just misses tagging the flying Indian.

Indians Favored To Cop Pennant

Break up the Indians! Not the ones that cavort in the Lake Erie stadium, but the ones that carry the banner of Section 2123 at the top of the Sandia Corporation Softball League—and keep it there to the chagrin of eight other teams.

Rolling down the stretch toward the playoffs, the balanced attack and polished defense of the Indians operates behind high class pitching that has already assured them of a play-off berth, and makes them prime favorites to cop the pennant.

Motor Pool's Yankees are right on the trail of the leaders and have played them to virtual stalemates twice. If the Indians are retired to a reservation, it looks like the Yankees are the ones to do it.

The staggering Pirates, hit by vacations and injuries, fell before the resurgent White Sox and the snarling Tigers. The Bengals from 2122, paced by pilot Bert Neuman's four doubles, hung one on the Pirates in no uncertain fashion.

Incidentally, Bert claims he's so old that he can't run and has to have a pinch runner. However, every time the Pirates looked up he was standing on second waving for his relief runner. If Bert can't run, there's a trolley service on Diamond 2 that nobody else has been able to find.

These developments have snarled the race for the playoff berths even further. The White Sox, with their speed merchant outfield hauling down the lofts from Ed Kubiak's mixture of stuff and nonsense, are knocking at the gate with the Tigers. The Red Sox, Cubs and Pirates must fight hard to withstand the challenge.

Pitchers used to firing out of the holes in the fields and batters who were knee-deep in the trenches alongside the plate had to adjust their sights Tuesday night. The fields were re-leveled and worked down; infielders can now look a ground ball in the eye without worrying about losing the eye.

The standings as of June 27 are as follows:

Team	W	L	Pct.
Indians, 2123-6	11	1	.917
Pirates, 1210	9	4	.692
Yankees, 2235-1	6	3	.667
Cubs, 2231-2232	7	5	.583
Red Sox, 2242	6	6	.500
White Sox, 2113	6	7	.462
Tigers, 2122	5	6	.455
Cardinals, 1500	5	7	.416
Dodgers, 2234	3	7	.300
Browns, 2340	0	12	.000

Inventor Tells How You Too Can Become One

Inventors are made and not born, according to Alan Ayers, 1293, and if you talk to him, he might convince you that you, too, can be an inventor.

Alan at one time ran a class for inventors. He has more than 50 basic inventions to his credit with docketed and patents on many of them. He once told a large electrical company he would work for them full time at \$1,000 per invention.

The big firm shied away from this offer. Alan was then working for them at a regular salary and they probably decided to leave well enough alone. The 37-year-old scientist estimates he could have easily made \$15,000 to \$20,000 each year if the company had accepted.

Trained Inventors

While working there Alan helped train young potential inventors and he says the number of patents they acquired was amazing. As in the custom in most industrial research, the firm bought the patents from the inventor who relinquishes all rights.

"The idea that inventors have flashes of inspiration in which they conceive entire inventions is a great American myth," Alan declares, "a new invention is almost always the result of painstaking, step-by-step, logical thinking."

However, inventing is just a sideline of Alan's principal profession of development engineering. He chose this line after experience in a bewildering array of jobs. While still in high school at Estancia he sold rattlesnakes by the gunny sack full to an anti-venom company at \$1 per pound. At the same time he raised and traded horses, and built and sold radios. The engineering aptitude was there even as a boy. With his pals, Alan built a huge kite and rode it 300 feet into the air, landing with a crash that knocked him cold. He also built a full-scale glider and a straight-eight motor out of two Model T Ford engines.

Boys Build Airport

Alan was the leader of the Estancia boys who built an airport near town that rivaled the one in Albuquerque. Lost planes often landed there and when an air circus came in one day Alan signed on and traveled the country with them. Thereafter the circus would send a plane to the Estancia landing field each summer to pick up the young adventurer and take him with them.

After high school Alan enrolled at Kansas University, Lawrence, Kans. During his first two years there he carried a full curriculum while working eight hours a day as a carpenter-electrician.

In his final two years he operated the Alan N. Ayers Manufacturing Company which put out a new type of transformer motor and some patented toys. He invented both the



Alan Ayers

motor and the toys and constructed them with tools he built himself. He also built three modern homes for other people while in college.

Alan graduated in 1939 and was immediately employed by a large electrical concern.

He entered their graduate courses with over 5,000 other students and wound up as one of the six that finished the series.

Gets Patents Fast

In his first three months with the firm, Alan acquired four patent dockets. After his first two weeks he was put in the consulting engineering laboratory to work with E. F. W. Alexander, the inventor of the alternator that made radio transmission possible. Their problems were those that other plants in the company had tried to solve and failed.

From there the young scientist went on to further assignments in the aero and marine department where he worked on remote fire control and radar. He developed the radar coaxial rotating sender that was used to break up the east coast submarine menace during the war.

But all during these years Alan was homesick. He longed for the New Mexico climate. So in 1943 he wrote to Robert Oppenheimer at Los Alamos for a job and was accepted.

Alan, his wife and two children, moved to Frijoles canyon at Los Alamos where they learned the precarious art of cliff dwelling. These were the days when Los Alamos was a collection of log cabins and jerry-built houses.

"You could kill a wild turkey with a brick bat anytime you took a notion," Alan recalls.

The roads were dangerously rough and up until the family moved into a government-constructed apartment house they were transported back and forth from their cliff dwelling to Los Alamos proper in a government station wagon.

In 1947 Alan was transferred to Sandia Base where he has been engaged in development work.

Heavenly Star Study With Home-Made Telescope Keeps Sylvan Harris Busy

Cassiopeia's chair, Orion's belt, and the pleiades are strangers to many of us, but to Astronomer-Hobbyist Sylvan Harris, 2460, they represent well-known and often studied constellations.

The science of heavenly bodies has been a hobby of Sylvan's for the past 10 years although he has been only "lukewarm" in its pursuit since moving to the southwest due to a lack of time. When living in New Rochelle, N. Y., he built his own 8-inch reflector telescope which he uses in studying the New Mexico skies. As a result of his years of stellar observation he has had a number of articles published in several astronomical journals on the calculation of lunar eclipses and occultations of stars.

Charts Are Famous

His penchant for star gazing started back in high school days in Philadelphia, Sylvan says, when he took a brief course in descriptive astronomy. Since then his celestial interest has prompted him to make chart designs for locating positions of stars and planets. Some of the charts are now being used by students in schools of astronomy.

Professionally, Sylvan is an electrical engineer and received his degree from the University of Pennsylvania in 1922. He spent his first eight years after graduation in radio research and design in the New York and Chicago areas and was editor of Radio News Magazine for several years.

He became manager of the Society of Motion Picture Engineers in 1930 and held the position for 11 years. He still is a Fellow of the organization. It's an odd thing, he remarks, how he had been called on to tackle things he knows little about. Taking strange jobs has meant much study and research, but the work has always paid off in the new job, he says.

Works on Fuze

In 1930 he was called to Johns Hopkins University at Silver Spring, Md., to work as a statistician on the proximity fuze project. Books on statistics were promptly checked out of the li-



Sylvan Harris

brary and he brushed up on the science. Among his other interests Sylvan lists music and languages. In the music field, he plays the piano and has a fair collection of classical records. He says he plays only for his own amusement. Recently he ran across one of the Greek language textbooks he used in school and is now reviving an interest in that language. He had already acquired an interest in Spanish when he came to New Mexico.

Sylvan, his wife, Vera, and their daughter, Norma, have been at Sandia since March 1948 and reside in the AEC housing area on the Base. Norma formerly worked for the Corporation, and is now full-time homemaker, the wife of Robert Ware, 2132.

Playoff Scheduled As Golf League Ends First Round

The first round of the Sandia Corporation Golf League ended last week and an 18-hole playoff is scheduled to take place Sunday at the University golf course between the winners of Flight A, team 8, composed of Dan Freshman, 4216; John Cavanaugh, 4135; and John Hess, 4132; and Flight B, George Horn, Sr., 4134; Emil Deutschle, 4120, and Lynn Price, 4122.

Prizes will be awarded to the winners and runner-ups.

Plans for a handicap tournament are being made to be played on July 15. All entries must be submitted by July 9 to J. L. Hickey, 3122, or P. E. Pierson, 2113.

Green fees of \$1.50 plus 50 cents for prizes are to be collected by that time in order to make starting arrangements with the University golf course. No entries will be taken after July 9. Prizes for low net, low gross and other special prizes will be awarded.

A number of teams intend to continue league play for the rest of the summer. At a recent meeting it was decided to continue with the three-man team league.

All teams or players desiring to participate in the new league are asked to call Paul Pierson, ext. 28248, before July 13 in order to register. A meeting will be held at the Coronado Club on Tuesday, July 17, at 4:45 p.m., to discuss the formation of the league.

Classified

FOR SALE—

Washing Machine, large Montgomery-Ward. Less than four years old, has pump, recently overhauled, \$60. Bob Spence, ext. 2-8148, or Alb. 5-4332 after work.

Boston terrier puppies. Good pedigree, papers given. Have distemper shots. \$50 to \$75. R. Kelly, ext. 2-5235.

Chevrolet, 1950 2-door deluxe. \$1,550. Easily financed. Bob Morrrows, ext. 2-6242. See at 946 South Madeira.

Washer, Speed Queen, 3 years old, \$45. Welsh collapsible baby buggy, \$17.50. Play pen, \$10. R. E. Nepple, ext. 2-6235 or Alb. 5-9341.

Washer, Montgomery-Ward deluxe, with pump, \$60. W. H. Everhart, ext. 7164.

Oldsmobile, 1949, 88, 4-door, complete hydro-matic, all accessories, \$1,650. Low mileage. Mrs. A. H. Erickson, 1316 North Stanford, Alb. 5-0554.

Gas range, Norge, 4 burner, oven and broiler, two years old, cost \$135 new, will sell for \$90. T. Muzzy, ext. 29238 or Alb. 5-2181.

Home, three bedroom in Hoffmantown, porch, walled back yard, grass front and rear, sprinkler system, water softener, wall to wall carpet in living room, dining room and hall. Other extras. \$11,200 total price, \$3,000 down. 2607 North Flower, E. M. Skinner, ext. 2-3145.

Dodge, 1948 2-door, black, heater and seat covers, excellent condition, \$975. W. T. Moffat, ext. 2-9159.

Army Officer's leather dress coat, new condition, \$18; Navajo rug, \$29; Smith & Wesson K-22 revolver, new, .22 cal., \$69.50. W. O. Smitha, ext. 2-1186 or 2-1241.

Lawn mower \$4, torch lamp \$15, pair mahogany upholstered chairs \$45, walnut record cabinet \$12, Schwinn 3-speed bicycle \$40. S. Musikant, ext. 6273.

Tires, three 6-70-15 Firestones, with tubes, never been used, \$23 each. Edward Paul, ext. 2-8238.

Stenotype Machine, new, with complete course of study lessons. \$50.00. Virg. Harris, ext. 6241.

WANTED TO BUY—

Teeterbabe, A. W. Fite, ext. 7139 or Alb. 5-6943.

RIDES WANTED—

458 N. Sycamore or nearby. Zena Ivey, ext. 4136 or Alb. 3-1776.

2937 N. Adams to Tech Area I. Gene Copeland, ext. 26235.

14th and New York or vicinity of 405 N. 14th. Alice Romero, ext. 25159.

200 block N. Hermosa (1/2 block from campus) to Tech Area and return. Corella Blakely, ext. 31139 or Alb. 5-1275.

Fourth and Palo Duro Drive, Eileen Tixier, ext. 25148.

1014 W. Roslington. Kathleen Wilson, ext. 23255.

Vicinity 6300 N. Fourth or Second. B. Daurbert, ext. 22142.

317 N. Quincy or vicinity. Mrs. H. E. Wilson, ext. 28242 or Alb. 5-7422.

316 S. Tenth, Virginia McElyea, ext. 29248 or Alb. 2-9177.

Summer Bowling SANDIA INDIAN LEAGUE

Team	Won	Lost
1. Hopi	24	4
2. Cree	17	11
3. Apache	16	12
4. Sioux	14	14
5. Crow	14	14
6. Blackfeet	12	16
7. Iroquois	10	18
8. Cherokee	6	22

Team
High team, Crows, 888.
Second high team, Cree, 860.
High team series, Hopi, 2521.
Second high team, Crows, 2492.



TIGERS ON SILK and a seascape, also on silk, were sent to Terry Clark, 2463, by his brother, Michael, a sailor stationed near Korea. Terry is holding a pencil painting he did of his 7-year-old son Terry Michael. A technical illustrator, Terry says that the silk paintings actually change color after dark. Much of the fine brushwork is done with a gold paint that shines in the light. In shadow this shine disappears and the background comes forward, giving the painting an entirely different appearance. The Japanese silk paintings cost Terry's brother only about \$1.50 in Tokyo.