

Albert S. Gould Seeks Re-election On School Board

Albert S. Gould, assistant head of Central Staff, is one of two incumbent members of the Kern County Union High School District board of trustees currently seeking re-election.

The second member is Emil Bender, a Shafter area farmer and former trustee of the Richland Elementary School District. Voting is scheduled for Friday, May 21.

The board directs affairs of the district which stretches from McFarland to Lebec and from China Lake to Shafter. The eight high schools included are located at Shafter, McFarland, Arvin, China Lake, Kern Valley and in the city of Bakersfield.

The board is responsible for administering a heavy construction program during the coming year. Work is scheduled on the new Bakersfield Junior College buildings and extensive additions at Bakersfield High School, Burroughs High School and other facilities.

Mr. Gould is past president of the China Lake PTA. He was awarded a life membership in the organization last year.

He has been at China Lake since 1945, and has been a member of the district board of trustees since 1949.



Starting Times: 6 and 8 p.m. daily.
Kiddies' Matinee (Special Movies):
1 p.m. Saturday
Matinee: 1 p.m. Sunday

TODAY MAY 7

"THEM" (94 Min.)
James Whitmore, Edmund Gwenn
Shorts: "Duck Amuck" (7 Min.)
Armed Forces Screen Report No. 140 (16 Min.)

SATURDAY MAY 8

"THREE SAILORS AND A GIRL" (95 Min.)
Gordon MacRae, Jane Powell
Shorts: "Claws for Alarm" (7 Min.)
Armed Forces Screen Report No. 504 (16 Min.)

MATINEE

"ABBOTT AND COSTELLO IN SOCIETY" (75 Min.)
Shorts: "Droopy's Good Deed" (7 Min.)
"Jungle Drums" No. 12 (13 Min.)

SUN.-MON. MAY 9-10

"PLAYGIRL" (86 Min.)
Shelley Winters, Barry Sullivan
Shorts: "This Wonderful World" (20 Min.)

TUES.-WED. MAY 11-12

"IVANHOE" (106 Min.)
Robert Taylor, Elizabeth Taylor
Shorts: "Alley in Bali" (7 Min.)

THURS.-FRI. MAY 13-14

"LITTLE CAESAR" (80 Min.)
Edward G. Robinson, Douglas Fairbanks Jr.
Shorts: "Popeye's 20th Anniversary" (7 Min.)
"I Remember When" (10 Min.)



ARRANGEMENT of the specimen labeling table at the Desert Wildflower Show was handled by, from left, Mrs. E. R. Toporeck, Mrs. R. M. McClung and Frank Kirby, shown above being assisted by his daughter, Wanda. More than 100 desert plants and flowers were displayed with labels to enable show patrons to identify the flowers that were arranged elsewhere throughout the main hall at the new community building.

More Than 2000 Persons Attend Annual Desert Wildflower Show

Attendance at the ninth annual Desert Wildflower show, held over the past weekend at the new community building, topped the 2000 mark, show officials reported.

Blooms from more than 100 desert plants and bushes were tastefully arranged in the main social hall of the new building by a large committee of volunteer workers, headed by Mrs. David Brink. Exhibits ranged from miniatures displayed in tiny receptacles on a three-tiered mirrored stand, to large clusters of Fremontia, Indian paint brush and purple sage.

Included among the rare desert plants shown were the parry nolina lily, a wild pink California poppy, and a specimen of Bitterroot, the state flower of Montana, which is seldom found in Kern county.

Shadow boxes were utilized to display some of the colorful desert blooms, and oddly colored and shaped rocks and minerals provided by the Rockhounds were blended into other floral exhibits. Desert wildlife exhibited included a live kangaroo rat and a sidewinder, kept in separate cages.

In the south patio off the main hall, a cactus garden was set up to round out the highly varied display of desert flora and fauna.

Grateful acknowledgement for the part they played in making a success of the Desert Wildflower Show was made by Mrs. Brink to the following persons:

Mrs. D. B. Young, co-chairman of the annual event; Mrs. Gale Burton, Mrs. E. R. Toporeck, Dr. Carl Heller and Frank Kirby, for their work of labeling the various flowers displayed; the Vernon and John Carrs and others, who made field trips; Mr. and Mrs. Darwin Tiemann, who provided sketches of

flowers and also the wild life specimens shown; Public Works personnel, including T. J. Little, Lyle MacLaren, Charles Bradley and Thomas Mullin, who helped clean up the building after Friday afternoon's wind storm; Mrs. Sylvia Winslow, whose mural painting of a desert scene decorated one end of the social hall, and A. K. Winslow, who, together with his wife, provided considerable general assistance; J. O. Richmond and Mrs. Ruth Hurley, for general assistance; Security Policeman A. C. Jones, who posted the signs directing traffic to the show and performed a variety of other tasks; Mr. Brink, who was mainly responsible for arrangements of the patio cactus garden; Mrs. Maurice Lipp and Mrs. Hugh Hunter, who were in charge of the clean-up crews following the floral displays; Mrs. John Stroud, Mrs. Lynn Barker and the hostesses, and Major John Griffin.

Mrs. Brink also reported that she has at her home an accumulation of odds and ends loaned for use as receptacles for the flowers, which their owners may reclaim now.

Disney Film Slated For Kids Tomorrow

Feature attraction at the Children's Film Society program at the Station theater tomorrow from 10 to 11:20 a.m., will be the Walt Disney movie "Fun and Fancy Free."

Two stories are told in this film—Sinclair Lewis' "Bongo," the story of a run-away circus bear, and the classic, "Jack and the Beanstalk." The film offers both live and cartoon action, starring Edgar Bergen and Charlie McCarthy, Dinah Shore, Mickey Mouse, Donald Duck, Goofy, and others.

Teenage Center Now in Operation At Burroughs High

The long-awaited teenage recreation center located on the Burroughs High School campus was opened last week to the cheers of a large group of students who crowded into the facility for the tape-cutting ceremony.

Bobbie Brim, president of the freshman class, cut the tape to officially open the recreation facility, while Bob Weinland, president of the Student Council, and Jay Parsell, vice-president, looked on with Ben A. Gitchell, chairman of the adult sponsoring committee; Mrs. Gitchell, Mrs. Haskell Wilson, Mrs. Clayton Brown, committee members, and a host of anxious students.

The fountain, equipped for soft drinks, malts and milk shakes, sundaes, and various other confectionary items, will be run by the Navy Exchange, as will be the cold sandwich bar.

Tentative hours of operation are from 11:30 a.m. to 12:30 p.m., from 3:30 to 5 p.m. and from 7 to 9 p.m. on weekdays. Saturday operation is still under consideration.

A committee of teenagers formed by the Student Council will set up the rules and regulations governing the use of the building, however, adult chaperones will be present at all times. High school teachers will handle this job during the noon hours and immediately after school, but the parents' committee will furnish a chaperone for the evening hours. Persons who are interested in helping in this capacity are asked to contact Mrs. Haskell Wilson, at extension 77951.

Snack Bar Facility At Swimming Pool Now Open to Public

The recently completed outdoor facilities at the Station swimming pool, which includes a snack bar, children's wading pool, tables, beach umbrellas, yacht chairs and plenty of grass for sunbathing, is now open to the public.

Hours for the outside recreation area are from 11 a.m. until 8:30 p.m. seven days a week.

Hours for open swimming in the indoor pool are from 12 noon until 8 p.m. on Saturday and Sunday, from 5 until 9 p.m. on Tuesday, Thursday and Friday, and from 6:30 until 9 p.m. on Wednesdays.

Hot dogs, hamburgers, malts and milkshakes, as well as a variety of soft drinks and other beverages are available at the snack bar. This facility is being run by the Navy Exchange, under the management of James Gatewood, food services manager.

Mr. Gatewood formerly handled similar facilities at the Jones Beach area in New York.

THE WEATHER

Mostly clear over the weekend. Surface winds light and variable, becoming 10 to 15 knots in late afternoon. Maximum temperature 100, minimum, 60.

Rocketeer

TEMPERATURES

(Housing Area)

	Max.	Min.
April 29	79	47
April 30	65	53
May 1	72	41
May 2	80	39
May 3	89	41
May 4	90	55
May 5	96	54

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U.S. NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIF.

MAY 7, 1954



AMONG THE FIRST occupants of the new Wherry housing project were Mr. and Mrs. Floyd Wegley, shown moving a sofa into their new home at 106 Durado St. Mr. Wegley, a truck driver in the Public Works Department, has been at China Lake since September 1946. He had been living in Ridgecrest prior to moving to the Wherry subdivision.

Variety of Entertainment Slated For Fiesta Carnival, May 14-16

Dancing to the nation's top jazz band, a beauty contest, and a square dance featuring one of Southern California's top callers are included in the glittering slate of attractions set for China Lake residents and their guests next weekend.

For the ninth straight year, the China Lake Community Council will play host to local residents and throngs of visitors from many miles around at the Fiesta—the once-a-

year event when Bennington Plaza is decked out in its carnival finery.

Opening night, next Friday, will find George Lewis and his Ragtime Jazz musicians on the bandstand to be erected in front of the Station theater. The following evening, Jim Munyon, one of the most sought-after square dance callers in Southern California, will lead the do-si-do's on the Station tennis courts.

Sunday evening, Miss Indian Wells Valley will be crowned following a bathing beauty show featuring entrants from Trona, Ridgecrest, Randsburg, Johannesburg, Inyokern, and Argus as well as China Lake.

Mingled in between the variety of highlights offered throughout the three days of whoop-and-holler will be the midway-like attractions of over 40 concessionaires. Booths displaying everything from hot dogs, fried chicken and barbecued beef to games, novelties and a spook house will be offered by local civic and social groups.

The opening night is sponsored by the Enlisted Men's Club in cooperation with the Community Council, and can probably be termed the outstanding highlight of the three-day affair.

George Lewis was picked by Look Magazine in 1950 as the most authentic jazz-man in the United States today. A popular recording (Continued on Page Five)

Station Families Occupy First Wherry Dwellings

Nearly 20 families have moved into the first group of Wherry housing unit homes to be completed, and another 30 units will be ready for occupancy by next Tuesday, officials of the new housing subdivision reported this week.

The entire housing project is now approximately two-thirds completed, and work is proceeding slightly ahead of schedule.

Plans for completion of additional two and three-bedroom units call for 50 more homes to be finished by June 1 and other increments of 50 homes each to be completed at 15 day intervals through July 30, when all 300 homes are expected to be ready for occupancy.

Landscaping work will be started next week on the new homes now occupied. The Wherry housing management will provide grass seed to tenants free of charge. Fences will be prohibited around front yards in order to give the homes a uniform landscaped appearance from the street, it was reported.

An early California days theme has been followed in naming the streets at the Wherry project. The long main streets, running from southwest to northeast, are named Durado, Robalo and Cisco, while the three short cross streets will be known as Sandora, Nadeau and Arondo.

Latest additions to the list of Sta-

tion personnel eligible to move into the new homes include civilian employees Dale Freeman, Alma Rhyn and Earl Leonard, and two Navy enlisted men and their families, J. C. West, MM3, and Joseph Gonzales, CS3.

Furies To Perform In Armed Forces Day Aerial Show

Fly-over demonstrations of the Navy's new F-J-2 North American swept-wing Fury will be only a part of the big aerial program planned at Armitage field to open the Station's Armed Forces Day program on Saturday, May 15.

Main Gate of the Station will admit visitors starting at 7:30 a.m. Route to the airfield will be plainly marked and there will be ample parking space.

First event at the field will be the memorial service starting at 9 o'clock, conducted by Chaplain James L. Carter. The air demonstrations will begin at 9:30 and run until 11:30.

Rockets fired from planes will include Tiny Tim, the 11.75-inch monster which is one of the biggest rockets carried by any plane. Smaller rockets, as well as cannon will be fired at ground targets.

Saturday and Sunday afternoons from 1 to 5 p.m., tours of the Michelson and the Aeroballistics laboratories, which are not open to the general public other times of the year, will be offered. Buses to the Aeroballistics Laboratory will run every hour from near the postoffice at Bennington Plaza.

New displays at Michelson Laboratory will include the Mighty Mouse, the 2.75-inch folding fin air rocket; a recently developed submarine torpedo from Pasadena Annex, and the 701 IBM calculator for mathematical problems. The latter is one of only a dozen or so now in use in the United States.

The Aeroballistics Laboratory will present simulated firings which will give audible and visual demonstrations of how a missile is fired through the 480 feet of the huge building, and its progress photographed by 23 ultra-high-speed cameras.

Contest Announced To Name New Community Center

A contest to name the new community building was announced this week by the China Lake Community Council.

A top prize of \$25 will be given to the originator of the winning entry, and second and third place awards of \$10 and \$5 also will be offered.

Entries must be limited to two words, preferably having either a nautical or historical flavor, and should be sent to Mrs. George Mayberry at the Community Council office. The contest will end with the close of business on June 1.

Judges of the contest will be Captain T. F. Connolly, recently elected president of the Community Council; Mrs. D. B. Young, wife of the Station Commander, and Mrs. W. B. McLean, wife of the Technical Director.



HARLEY E. TILLITT (left) head of the computing branch, Research Division, and Bruce G. Oldfield, head of the IBM section, discuss a problem about to be submitted to the calculator in Michelson Laboratory. Mr. Tillitt is now exploring the possibilities of the calculator in searching library files to speed the selection of desired reference items. Mr. Oldfield has prepared a paper on "The Theodolite Data Reduction Problem." Both men attended the IBM conference in New York state this week and were to read their papers.

Weinland To Get Science Award Presented by RESA

Robert Weinland, son of Mr. and Mrs. Clarence Weinland, 4-B Wasp Circle, this week was named to receive the annual award presented by the China Lake Branch of the Research Society of America to the outstanding senior class science student at Burroughs High School.

Weinland will receive his award at the society's annual spring dinner meeting next Thursday evening, at which time new officers of the local RESA chapter also will be installed.

Weinland is president of the high school Student Council, was a Bank of America cup winner in the field of mathematics and science, and is a member of the California Scholastic Federation. He has been accepted for entrance in Stanford University following his graduation from Burroughs.

Dr. Arthur L. Bennett, a research scientist in the Research Department, was elected president of the local group, succeeding Dr. D. S. Villars. Other new officers are Lucien M. Biberman, vice-president; Dr. Gilbert J. Plain, secretary, and Dr. A. B. C. Anderson, treasurer.

Four members of the local chapter who were elected to serve on the committee on admissions are Dr. Alexis B. Dember, Dr. William R. Fish, Robert H. Olds, Dr. Richard D. Potter and A. Greenville Whittaker.

The new officers will be installed at the dinner meeting, which also will feature a talk by Prof. Linus Pauling, director of the Gates and Crellin Laboratories of Chemistry at Caltech. His subject will be "Molecular Abnormalities of Hemoglobin and Their Relation to Disease."

Eighty Midshipmen Tour China Lake

Eighty sophomore midshipmen from the Naval Reserve Officers' Training Corps at the University of Southern California were Station guests last week.

The middies arrived early Thursday morning in two R4D's from Los Alamitos Naval Air Station. They were met by Carlos H. Elmer, who conducted their one-day tour of the Station facilities.

After a visit to the aeroballistics field laboratory, the group traveled to the G-2 ballistics range where they witnessed firings under the direction of Paul Fisher of the Test Department.

In the afternoon, Gordon Bangs of the Rocket Department, showed the potential naval officers the Station film, and reviewed the local rocket program. The midshipmen were then briefed on the Station's part in the Navy guided missile program, and conducted through the facilities of Michelson Laboratory.

UCLA Study Programs Discussion Scheduled

Monday and Tuesday the University of California will have representatives from departments of engineering and mathematics at China Lake to discuss their respective programs.

Louis G. Walters and Philip F. O'Brien from the engineering department will discuss the UCLA study program on Monday from 1 until 2 p.m. in Room 1013, Michelson Laboratory, and Clifford Bell, from the mathematics department, will be available in Room 20107, Michelson Laboratory, from 1 until 2 p.m. Tuesday to discuss the graduate program.

REPORTS FROM Technical Departments

New 701 Calculator May Be Used To Search Library Reference Files

Harley E. Tillitt, head of the computing branch, mathematics division of Research Department, this week gave a paper on new possibilities of the Station's 701 calculator at an IBM conference in Endicott, New York.

Title of the talk was "An Experiment in Information Searching With the 701 Calculator." Excerpts from the manuscript follow and give a general idea of its text.

"At NOTS an attempt has been made to use the calculator as a tool in the task of searching library files for documents referring to special subjects. The present system includes only reports which have been written in certain agencies throughout the country and does not include periodicals or books. Furthermore, the subjects are for the most part related to the development and testing of items of naval ordnance."

Serves Vital Need

Mr. Tillitt points out the need for finding what has been written on a particular subject when scientists start a new project in that field. And he also stresses the labor involved in conventional searching of library files to list such reference items.

"To avoid some of the difficulty of cataloging documents by subject heading, a system can be used that depends upon a document being described by several single terms called descriptors. In the library application of this system, there is a card for each descriptor. As documents come to the library they are given an acquisition serial number and this number is entered upon as many different descriptor cards as seem necessary to describe the document."

It is then stated that the 701 searching operations are quite simple and go through nearly the same steps as are required in a normal hand search. In a hand search the procedure is to locate the several descriptor cards which together presumably describe a subject of interest and inspect these for any report serial numbers that appear on all the cards. Reports thus recorded are withdrawn and inspected.

The 701 steps are listed as follows:

1. Install the master tape reel on which the file has been written. (The present arrangement of information on the tape is that each descriptor and associated report serial numbers form a unit record.)

2. Load the searching program plus from 1 to 20, cards on each of which are punched the 2 to 8 descriptors, called K's, that describe

the subject of interest. (Each of the 1 to 20 numbers would be for one search.)

3. Report serial numbers which appear under all selected descriptors that are printed.

Time Factor Varies

"It is difficult to estimate the 701 time required for what may become a typical scheduled searching period. This depends upon several factors, including the total number of searches to be made in one period, the number of K's, the number of serial numbers per descriptor, and the location of the descriptor groups on the tape.

"The time required to load the cards, which include the program and the K's, is about 10 to 15 seconds. A search for eight K's through 300 groups, with from 5 to 40 serial numbers each, all located at the front of the tape, requires about 10 to 15 seconds. The minimum time of a search, therefore, is in the range of 20 to 30 seconds."

As the file increases in size, by new descriptor groups being entered and new serial numbers being added to old groups, the time per search will approach that required to read the tape.

"If the present estimate of 4000 new (library) entries per month proves to be correct, there will be about 240,000 plus the present 20,000 in five years. There would be room to load such a file on one 1200 foot tape, and a maximum search would require about the time needed to read the 1200 feet of tape, or approximately four minutes."

The article concludes by stating that the system is at present in the nature of an experiment, and whether or not it will prove to be economical or practical remains to be seen.

New Type Altimeter Developed for Navy

By Armed Forces Press Service

An airplane radar altimeter by which a pilot can tell immediately and exactly his altitude has been developed for the Navy by the Raytheon Manufacturing Co.

The device works by sending signals down to the earth's surface at the speed of light, the Navy Bureau of Aeronautics explains. While the signals bounce back they are measured electronically and changed automatically to the instrument panel, where altitude is read in feet.

The designers of the altimeter say it can function reliably even a few inches off the ground.

News from Pasadena



DOING "FIELD DUTY" at Key West on a torpedo evaluation program are back row, left to right: Anne Graybill, Verne Meyers, Joe Taber, Alice M. Lang, Hal Yost, Bob Hornidge and Ina Squire. Center row, Lowell Chapman, Art Graybill, Frank Masterson, Al Van Hise, Dick Heller, Al Fey, Ray Musgraves, and Jack Zaun. Front row, Don Albert, Don Davey, Bud Kunz, and Bill Galbraith.

UOD Group Praised For Job in Florida

W. H. Saylor, Associate Technical Director for Pasadena, commended a group of Underwater Ordnance Department employees who have been assigned since last February on a torpedo evaluation program at Key West, Fla.

"The men and women assigned to this project have done much to cement our relationship with the Naval Ordnance Unit and with the Bureau," Mr. Saylor said.

The group consists of Hal Yost, Art Graybill, Al Van Hise, Bob Hornidge, Dick Heller, Ina Squire, Alice M. Lang, Anne Graybill, Joe Taber, Al Fey, Lowell Chapman, Bill Galbraith, Verne Meyers, Don Albert, Jack Zaun, Don Davey, Frank Masterson, Ray Musgraves and Bud Kunz.

"Morale in the group is high, even with those who left their families in California," D. J. Wilcox, head of the assessment division of UOD, said. "The team has received many compliments on the results of the job they are doing—they are scheduled to return to Pasadena in June."

Medical Officer Inspects Facilities

The Annex dispensaries and cafeterias were given a "clean bill of health" by Captain P. E. Huth, chief medical officer of NOTS, and John L. Campbell, safety director, during a recent inspection.

Morris Dam and Long Beach facilities also were inspected by the medical officer and safety director.

Entrants Listed For Golf Tourney

Judging by the list of contestants, the Annex's summer golf tournament will be the biggest in its history.

Those who signed up from the Foothill area include: W. M. Staal, Leo Enriques, Leo Maguire, Glen Sundberg, Cy Martens, H. Bowen, Ray Avis, Wendell Alexander, Bill Shealey, Al Kolesar, A. C. Durdy, Mike Gamiere, Tom Ennis, William Scott, Ed Miletburg and Pat Roubideaux.

Other contestants include: CDR R. M. Tunnell, CDR F. B. Clarke, CDR H. P. McNeal, LCDR L. E. Benitez, Gordon Zima, Ernie Crescenti, Nick Saines, Bill White, A. B. Livingstone, Dick Dippel, LT Dave Howard, Gene Osuch, Ed Vanden Eykel, Dick Wagner, J. Harry Wolf, John Mulhern, Fred Pierce, Bob Murphy, Charles Redmond, Al Fay, Bud Kunz, Cliff Stock and Mabry Van Reed.

Sub Warfare Story Told by Capt. Sellars

The story of submarine warfare and the Navy's torpedo program was told to three different groups last week by Captain R. F. Sellars, OinC.

Captain Sellars addressed Naval Reserve Ordnance Unit, at Santa Monica, the Hi-12 Club at the Pasadena Athletic Club, and the Petroleum Club of Los Angeles at the Statler Hotel.

Captain Sellars will speak on Radar Picket Defense of the United States at a meeting of the Naval Reserve Unit in Paloma on Tuesday.

Sellars Slated To Assume Executive Officer Post

Captain Robert F. Sellars, OinC, will relieve Captain R. H. Solier, Station Executive Officer, sometime in June if the present plans of the Bureau of Ordnance are consummated.

Captain Solier has received orders detaching him from NOTS on approximately June 7, 1954. No orders have been received by Captain Sellars.

Plans concerning a relief for Captain Sellars as Officer-in-Charge at Pasadena are not yet firm. CDR R. A. Thompson, assistant OinC, probably will act as OinC until another officer arrives to assume this duty.

Captain Sellars relieved CDR M. M. Cain as OinC on April 17, 1953. Prior to coming to NOTS, Captain Sellars' last assignment was as Commander Escort Squadron 16 operating out of Newport, R. I.

Armed Forces Day Observance Scheduled May 15 at Pasadena

Annex employees, their families, and the public have been invited to attend an open house at Morris Dam on Armed Forces Day on May 15.

With Captain Robert F. Sellars, OinC, acting as host, Rear Admiral M. E. Curtis will be the guest speaker of the day. Captain Sellars will deliver the welcoming address and W. H. Saylor, Associate Technical Director for Pasadena, will describe the technical program at the Annex.

The gates of Morris Dam will be open to the public at 9 a.m. Guided tours of the propulsion pits and boat rides for the visitors will be started at 9:30 a.m. and continue throughout the day.

The first firing of a torpedo from the Variable-Angle Launcher will be

staged at 10 a.m. and will continue on the hour during the day. One of the special attractions for Armed Forces Day will be the diving exhibitions, under the direction of LCDR R. M. Hendon, diving officer for the Annex.

Because of the nature of the installation, no cameras will be permitted on the premises, LT L. S. Bruson, head of the security branch, announced.

Arrangements for the open house have been made by a committee headed by CDR H. P. McNeal.

12 Bowling Teams Formed at Annex

Twelve bowling teams have been organized at the Annex for the summer tournament, Ron Bottaccini, sports chairman of the Employee Service Organization, announced. Members of the various teams are:

Team 1—Ken Stowe, Bob Groo, Don Parish, Mary Stowe and Dorothy Long; Team 2—Fred MacMaster, George Crawford, Charlie Heller and Barbara Hoadley; Team 3—Glen Snyder, Carl Carlson, Frank Easton, Elsie Pollard and Betty Rothenberger; Team 4—Vern Mattson, Jim Gott, Gene Michel, Dottie Mattson and Belle Brille; Team 5—Tom Warren, Bill Smith, Clint Weaver, Georgia Batters and Dolly Oliphant.

Team 6—Frank Pastore, Johnny Miller, Brent Perkins, LaVerne Reid and Beth Perkins; Team 7—Ed Moore, Bill Knight, Bob Kramer, Bernice Patt and Ruth Stapleton; Team 8—Mel Leis, Mort Heinrick, Bill Richards, Bobbie McNelly and Roma Richards; Team 9—Ed Donoghue, Elanor Delong, Al Pennington, Len Davis and Dorothy Pennington; Team 10—Bernie Pennino, Leo Gonzales, Hank Pfaff, Marie Broshious and Betty Pfaff; Team 11—Lyle Emerick, Bud Jacobs, Harry Caperton, Elaine Colson and Betty Jacobs; Team 12—Earl Duncan, Lyle Forehand, Eldon Clough, Gloria Stephens and Joyce Dean.

Percy Tigh, Clyde McHugh, Leroy Pascoe and Mike Drabik, Public Works division; C. F. Sapper, Central Engineering division; Frankie Hawkins, Alexander Cox and Mildred Ball, Supply and Fiscal division; Lief Larson, Patricia Williams and Madelene Nelson of Command administration, and Gloria Armijo and Fred W. Pierce, Staff units.

