



PROFESSIONAL ENTERTAINMENT — Jimmie Whetmore and the Studio Orchestra, plus female vocalist, will make their appearance next Saturday night, February 24, at the 13th CPO Annual Military Ball to take place in the Naval Weapons Center

CPO Club. Armed Forces officers and their ladies will be escorted to the Ball by NWC Chief Petty Officers and their wives. Special guest will be Master Chief Petty Officer of the Navy Delbert D. Black. Social hour will begin at 6:00 p.m. February 24.



NEW COMMODORE — Installation of officers for the China Lake Boat Club recently was highlighted when Past Commodore Earl Hart (l) passed the flag and gavel of office over to incoming Commodore Gary Bird. Other officers for the New Year are Bob Preul, program chairman; Billie Bird, secretary; Tommy Creasy, treasurer; Emmitt Miller, membership chairman, and Jackie Creasy, attendance committee chairman. The installation ceremony was held in the Boat Club on January 26.

### SHOWBOAT

FRIDAY FEBRUARY 16  
"MORE THAN A MIRACLE" (105 Min.)  
Sophia Loren, Omar Sharif  
7:00 P.M.

(Fantasy) A matrimony-shy handsome prince successfully evades all efforts to get him wed, but he reckoned not with a pretty peasant girl who goes after him with the aid of witch's sorcery. Sophia is a pretty Cinderella. (Adult, Youth, Very Mature Children.)

Shorts: "Just Plane Bopp" (7 Min.)  
"Every Hour, Every Day" (30 Min.)

SATURDAY FEBRUARY 17

—MATINEE—  
"FLIGHT OF THE LOST BALLOON" (91 Min.)  
Marshall Thompson  
1:00 P.M.

Shorts: "Test Pilot Donald" (7 Min.)  
"King of Carnival" No. 11 (13 Min.)

—EVENING—  
"WALK, DON'T RUN" (114 Min.)  
Cary Grant, Samantha Egger  
7:00 P.M.

(Comedy) Happily married electronics tycoon can't find a room in Tokyo due to the impending Olympics so the Embassy arranges for him to share pretty Samantha's. Then he lets an athlete share his space and it's a trio of trouble! (Adult, Youth.)

Shorts: "Sink Pink" (7 Min.)  
"Every Hour, Every Day" (30 Min.)

SUNDAY-MONDAY FEBRUARY 18-19

"TO SIR, WITH LOVE" (105 Min.)  
Sidney Poitier, Suzy Rendall  
7:00 P.M.

(Drama) Qualified engineer accepts a job teaching in a slum school where the tough element anxiously await his start. Racial tension and rowdiness are matched against his racial study plan as Sir begins to win his battle. Top show! (Adult, Youth.)

Shorts: "Canadian Can-Can" (7 Min.)  
"Every Hour, Every Day" (30 Min.)  
(Sunday Only)

TUESDAY-WEDNESDAY FEBRUARY 20-21

"POINT BLANK" (93 Min.)  
Lee Marvin, Angie Dickinson  
7:00 P.M.

(Crime Drama) Doublecrossed when he helps a friend with a holdup, Lee sets out for revenge on the pal who has joined the tough syndicate after stealing Lee's wife. Loaded with action, unique twists and some torrid scenes. (Adult.)

Shorts: "Jersey Turkey" (7 Min.)  
"Football Highlights of '67" (9 Min.)

THURSDAY-FRIDAY FEBRUARY 22-23

"TEXAS ACROSS THE RIVER" (101 Min.)  
Dean Martin, Joey Bishop  
7:00 P.M.

(Western/Comedy) A Spanish nobleman, a wild Texan and a kooky Indian try to get a cargo through Indian territory but end up fighting over a pretty girl as every-one gangs up on the Comanches. (Adult, Youth, Children.)

Short: "Knights Must Fall" (7 Min.)

### China Lake Nurse Club Has Urgent Need for Members

An urgent need exists for registered nurses to provide assistance dealing with emergency and critical case work throughout the local area, according to Mrs. Sylvia Christenson, secretary — treasurer of the China Lake Nurse Club.

Registered nurses throughout the Indian Wells Valley interested in working as private nurses or volunteers in any of the following areas; blood bank, program for mentally retarded, eye clinic, prenatal care clinic, Red Cross or assisting in areas stricken by floods, fire, etc., are requested to contact Mrs. Christenson at Ext. 76792, or write her for information at 305-B Tyler St., China Lake, Calif.

The China Lake Nurse Club has been in existence for the past 10 years with a current active membership of 16 registered nurses.

With a common goal in mind, the local club desires to increase its present membership. Meetings are held on the last Monday of each month with this month's meeting scheduled at 7:30 p.m., February 26.

An interesting program is provided for members to include guest speakers from the Southern California area and Naval Weapons Center, plus showing of current color films dealing with a wide range of subject matter of primary concern to the nursing profession.

Members of the club have also undertaken a program of providing educational scholarships for student nurses. Two such scholarships have been provided during the present year.

# CPO Annual Military Ball Slated Feb. 24



Vol. XXII, No. 7 Naval Weapons Center, China Lake, California Fri., Feb. 16, 1968

## NAF Drone Expert, AE-1 Savell Picked February's 'Bluejacket'

### AE-1 Savell Here On Second Tour As Drone Expert

The Naval Weapons Center's "Bluejacket of the Month" for February is a restless, energetic young man with a fine hand for custom vehicle machinery, a solid 10 years experience with Navy drone aircraft of all kinds. He also has a very special attachment to the Indian Wells Valley, where he is serving his second tour of duty at NAF.

AE-1 Carleton K. Savell has worked with the maintenance of drone aircraft since he entered the Navy in April, 1958. And all of this specialty work has been in his native California.

He was born in Los Angeles and raised through high school in Twentynine Palms, where he enlisted.

AE-1 Savell first came to China Lake in March, 1959. After two years serving in NAF's Targets Department, he left for Navy schooling and a tour of duty on San Clemente Island. He took with him his new wife Rae, whom he met and married at China Lake. He began his second tour here in May, 1965.

The Savells returned with their children Cynthia, now 6, and Peter, now 4, to their new home at 115 Searles St.

At San Clemente he served with Composite Squadron Three, Detachment "A," working on the DASH Program as Screen Room Petty Officer and Special Projects Petty Officer. The Drone Anti-Submarine Helicopter (DASH), or QH50-C, gave him a slight change of pace between his two tours of duty at China Lake working with drones KDA-4, BQM34-A and drone versions of the F-6 and F-9 jets.

In his off-duty time, Carleton Savell keeps his hands full making major modifications to an automobile and a 14-foot boat to suit his own tastes in performance and appearance. He follows after his father, Carleton, who is a professional and self-employed boat builder in San Diego. Carleton, Sr. builds about three hulls a year, one of which — a 29-foot sloop — was sailed to a Bronze Medal in the Summer Olympics at Tokyo last year. Carleton, Jr. is now modifying one of his father's outboard hulls for in-board power — he envisions installing a 1936 Ford "flathead" V-8 engine.

The Bluejacket also is modifying 1950's Mercury car. The finished re-creation will feature a "chopped" and trimmed body, an Olds V-8 engine and electrically operated doors, among other fancy points.

"I always have some project or other going at home," he says. "I just can't stand to sit around not doing anything."

Honored in Bakersfield AE-1 Carleton K. Savell will travel to Bakersfield next Friday afternoon, February 23, where the Chamber of Commerce will host him and his wife during the weekend.

The Savells will be presented with a hospitality packet of gift certificates from participating merchants, and will have first-cabin room and board. They'll drive a new car from a local auto agency during their stay.

Savell will be featured on Bakersfield radio and television stations as the Naval Weapons Center's "Bluejacket of the Month."



DRONE EXPERT AT WORK — AE-1 Carleton Savell, chosen "Bluejacket of the Month" for February, applies the same interest and expertise on his job at NAF's Target Dept. as he does after hours with his custom boat and car hobbies. He is now serving his second tour of duty here in the same department at NAF.

king major modifications to an automobile and a 14-foot boat to suit his own tastes in performance and appearance. He follows after his father, Carleton, who is a professional and self-employed boat builder in San Diego. Carleton, Sr. builds about three hulls a year, one of which — a 29-foot sloop — was sailed to a Bronze Medal in the Summer Olympics at Tokyo last year. Carleton, Jr. is now modifying one of his father's outboard hulls for in-board power — he envisions installing a 1936 Ford "flathead" V-8 engine.



NAVY RELIEF AWARD RECIPIENTS — Capt. R. Williamson II (r) gave 100-hour pins and certificates to four members of the Navy Relief at a recent Military Wives Luncheon held at the Officers' Club. Senior Chaplain Paul Romantum was also present at the ceremony. Honored for their long hours of service were (l-r) Mrs. Peggy Collier, Mrs. Virginia Thimes, Mrs. Marilyn Peterson, and Mrs. Lois Clark.

### Three Star Chief Making Trip Here For Celebration

The number 13 to many people is considered to be highly "unlucky" unless they have the tendency to shun superstition like a duck shaking water off its back.

But to many Naval Weapons Center, VX-5, and Naval Air Facility Chief Petty Officers, unlucky 13 will be a welcomed event here Saturday evening, February 24, for this is the time they will celebrate the 13th CPO Annual Military Ball at the CPO Club.

CPO wives and other volunteers are presently engaged in preparing the clubs interior with a variety of decorations fitting for the gala occasion.

NWC Commander, M. R. Etheridge and his wife, will head the honored guest list, which will also include the Center's top Navy, Marine, Air Force, and Army officers and their wives. ATC Bill Ascroft, chairman of the affair, reports that special corsages will be presented to the ladies attending the celebration.

According to CSC E. I. Jones, protocol committee, Master Chief Petty Officer of the Navy, Delbert D. Black, is varying his busy itinerary to attend the CPO Ball as special guest.

The big evening of this 13th Annual Military Ball will kick-off at 6 p.m., and will feature an 11-piece orchestra and female vocalist, lavish decorations and lively socializing.

Dance music will be provided by the Jimmie Whetmore band. The 6 p.m. social hour will be followed from 7 to 8:30 p.m. by an elegant prime rib buffet-style dinner.

All the arrangements and minute preparations are being closely coordinated with the CPO Club manager, QMC Ray Wahoff and his assistant, AEC Hal Schmeer, who, in addition, has hired the band and waitresses and is overseeing the preparation of the exclusive menu by Chef Fred Jones.

Arrangements have been made for photographic coverage of the evening's festivities to be handled by Rocketeer photographers, PH1 Phil H. Beard and PH3 K. G. Stevens.

Other club members working with Chief Ascroft in formalizing plans for the Military Ball include: AKC Bill Doremus, decorations; ABHC Bill Ellis, entertainment; and ADC Ronald Watts, door committee.

This will be the fourth annual Military Ball to be held in the modern CPO Club building, the successor to the original structure lost to fire in 1962.

### ESB Now Central Office for Voter Registration Here

By special arrangement between the Employees Services Board and the Kern County Clerk's Office, a central office for voter registration has been established in the employee Services Board office at Bennington Plaza.

(Continued on Page 3)

### Rabbi A. S. Maller Comes to Address Brotherhood Event

Rabbi Allen Stephen Maller, of Temple Akiba in Culver City, will be the featured speaker at the Men's Brotherhood Dinner to be held at 8:30 p.m., Tuesday, February 20, in the East Wing of the All Faith Chapel.

A stimulating speaker, Rabbi Maller's topic will be "The Differences Which United Us." The dinner is being sponsored by the Chaplain's Office and is open to men of all faiths in the area. The event highlights the celebration of Brotherhood Week in Indian Wells Valley. Rabbi Maller was ordained by the Hebrew Union College, Jewish Institute of Religion, in 1964. He served a congregation in Philadelphia before being elected to the pulpit of Temple Akiba last year.

Tickets for the prime rib roast dinner are \$3 per person and may be obtained at the end of each service this Sunday at the All Faith Chapel or from the Chaplain's Office.

### Youth Center Varied Fare

The Junior Student Union plans a variety of activities for 7th and 8th grade students. Among these is a Valentine Record Hop scheduled tonight at the Youth Center from 7 to 10 p.m. Only members and their guests will be admitted and school clothes are the appropriate dress. Door prizes will be awarded and there will be no admission charge.

Pony-Colt Meeting for Dads Boys who are interested in playing Pony or Colt League baseball are asked to invite their fathers to a special meeting of the Leagues at the Community Center at 7:30 p.m. on Wednesday, February 21. The purpose of the meeting is to elect new officers and discuss plans for the coming season.

Los Angeles Band to Play Youth activities also include a dance featuring a Los Angeles Band with a light show. The "Evol Projects" will play for high school students on Friday, February 23 at the Community Center.

### Engineers Week Planning Features Banquet, Lecture

President Johnson has proclaimed the week of February 18, 1968, as National Engineers Week.

As part of this occasion the Naval Weapons Center in cooperation with seven professional engineering societies is sponsoring two events. The first of these is a tour through the NWC Propulsion Development Department at 2 p.m. on February 20. For further information and reservations, call Russell Palmer, Ext. 9548.

The highlight of the week is a banquet and lecture on the evening of February 20, 1968, in the Mojave Room of the Commissioned Officers' Club. All interested persons and their wives are invited to attend.

Social hour is at 6:30 p.m. and dinner at 7:30 p.m. The roast beef dinner is \$3. Tickets may be purchased from the sponsoring societies, three of whom are represented by Dwight Weathersbee of AIAA, Ext. 71754; Bill Finnegan of AIChE, Ext. 72831; and Bill Stone of CSPE, Ext. 9385.

Talk on Tires The lecture "What is New in Passenger Car Tires?" will be presented by J. K. Kennelly, Technical Superintendent for the Goodyear Tire and Rubber Co. Kennelly has been with Goodyear for 25 years, and is now responsible for tire design, material and processing for its Los Angeles Division.

To illustrate his talk, Kennelly will have slides and cut away sections of tires. Among the new type tires to be discussed, their advantages and differences, will be the radial, wide oval and polyester chord tires. The new Federal Safety Standards that came into effect on January 1st will also be discussed.

Kennelly lives in Long Beach with his wife and children. The oldest boy is married, the youngest is a seventh grader and the other two are in college. He has a BS in chemical engineering from New Mexico State University and is a member of the Society of Automotive Engineers and the Los Angeles Rubber Group.

Coordinating all these activities is Don Ruff of the NWC Propulsion Development Department.



READY FOR VISITORS — S. S. Ehresmann (l) assistant security administrator and M. C. "Connie" Stevens, receptionist, are ready to receive visitors at the recently completed, mahogany formica desk-top counter. The reception desk was built on contract and installed by Code 30 personnel at the Naval Weapons Center Corona Laboratories.

### Assessments Due

Members of the Government Employees Benefit Association and the China Lake Mutual Aid Society are reminded that Assessments No. 142 and 70 are now due.

Assessments have been levied due to the death of James C. Gray, a retired employee of

Michelson Lab Machine Shop Receiving Dept. who succumbed February 5, at his Los Angeles residence following a lengthy illness.

Payments of \$120 may be mailed to Joseph M. Becker, secretary-treasurer, 77-B Renshaw, China Lake, Calif.

From \_\_\_\_\_  
TO \_\_\_\_\_  
STAMP

CHAPLAIN'S MESSAGE

A Guardian For Difficult Times

By Chaplain Irvin H. Thompson



The world situation does not always look very promising and sometimes is discouraging to all of us. The Pueblo crisis, the bitter and stepped-up battles in Viet Nam, and the economic problems of the world can cause us to be despondent. We fail to remember that God is in control and in a real sense is our "guardian."

This word is familiar to all of us and carries with it certain definite meanings. Guardians are appointed for those who are not able to properly attend to their own affairs.

In a religious sense, God is our guardian. While in life legal guardians are appointed, in a religious sense we invite God to be our guardian. In fact, this is the only way He will serve, namely, by invitation.

The words of the Psalmist (Psa. 121), are indeed encouraging. "I will lift up my eyes to the hills. My help comes from the Lord . . . The Lord will keep your going out and your coming in, from this time forth and forevermore." God is no mere spectator in a world filled with human struggles, but is ever present and interested and willing to participate with us in any and all of our experiences.

I like to think that the "going out" in the Psalm refers to all our waking hours of activity and work. The "coming in" to our times of aloneness, times at home, in our room, in our office, when we are by ourselves.

In these times, our "going out" and our "coming in," God is indeed guardian of our way, of our days and of our nights. This is possible for each one of us. God only requires a personal invitation. Then he can become our Refuge, our Fortress, our Sure Defense and in the finest sense, our Spiritual Guardian.



NEW SCOUTS WELCOMED — Cubmaster Tom Stogsdill of Pack 291 inducts new "Bobcats" and their parents into Scouting during a mass induction ceremony recently. James Cunningham is shown getting his Bobcat pin. Other new boys include Rickey Jaramillo, Edwin Kumerman, Ronald Zurn, Ralph Mattis, Joseph Mattis, Robert Boulden, James Cunningham, Franklin Wharton, Anthony Shearer, Robert Reed, Jr., James Lewis II, Paul W. Miles, Michael Hinds, Ralph Allen, Timothy Bachman and David Whittaker.

PROMOTIONAL OPPORTUNITIES

Present Center employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

Physicist, GS-12, Code 4051—This position is located in the Guidance Systems Branch, Code 4051, Infrared Systems Division, Weapons Development Department. Responsible for the design, development and testing of components and use in laser weapon systems.

File applications for above with June Chipp, Bldg. 34, Rm. 26, Phone 72676.

Card Punch Operator, GS-356-2 or 3, Code 1781 — This position is located in Central Staff, Operations Staff. A basic knowledge of the operating methods for the electric accounting machine key punches, verifiers, and sorters. Performs clerical functions (auditing, coding and checking) needed to prepare source documents for use on data processing equipment.

Mail & File Clerk, GS-305-3, Code 8514—Training position. Position located in Mail, File and Records Branch, Command Administration Department. Routing of incoming correspondence, filing, and record searching.

Clerk-Typist, GS-322-3, or 4, Code 1711—Provides clerical support for several analysts and technicians of the Management Analysis Staff. Provide information, data collection and tabulation, typing miscellaneous duties.

Equipment Specialist, GS-1670-5, 7 or 8, Code 1761 — Incumbent furnishes pertinent and adequate information relative to the acquisition of equipment, contacting representatives of manufacturers to ascertain availability and checking specifications for suitability.

File application for above with Sue Proslowicz, Bldg. 34, Rm. 26, Phone 71577.

Supervisory Supply Clerk, GS-2040-7, 8, or 9 (one vacancy), Code 2575 — This position is Head, Receipt Control Branch, Central Division, Supply Department. The incumbent is responsible for all the receipt control functions for the Center. The responsibilities include the administration of contracts following award and execution, issue of change orders and amendments, and the issue of termination notices when appropriate. Establish and maintain the contract, requisition and order files; prepare and distribute rejection notices; inspection reports and invoices covering receipt of material; certifies and forwards contractor's invoices for payment; processes procurement and receipt documents; maintains contact and follow-up as necessary and furnishes information relative to unmatched vouchers and summarized invoices. Must have knowledge of and experience with Defense Contract Administration procedures. Minimum Qualifications: One and one-half years of general clerical experience and two and one-half years of specialized supply experience. Applicant must have served one year at the next lower grade to qualify for the next higher grade.

Clerk-DMT or Stenography, GS-04 or 05 (one vacancy), Code 2505 — Provides secretarial services to the Administrative Division, Supply Department. Obtains, assembles, and presents information covering all areas within the Supply Department; prepares correspondence; performs stenographic or DMT work; prepares charts and graphs. Qualifications: One year of general clerical experience plus one year for GS-04 or two years for GS-05 of progressively responsible experience in work related to the duties of the position. Applicants must possess and be prepared to demonstrate stenographic skills or show evidence of DMT work.

Supply Clerk, GS-03 (One vacancy), Code 2583 — Controls levels and movement of stock through analysis of IBM listings. Orders stock, ensures that excess stocks are not accumulated and takes immediate action to dispose of such excesses as do develop; makes proper substitution of stock material. Qualifications: One year general clerical experience. Warehouseman, WB-05, (One vacancy) Code 2597 — Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, stows, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Qualifications: Must have had six months experience in warehousing.

File applications for the above with Vicki Mead, Bldg. 34, Rm. 26, Phone 72318. Supply Clerk, GS-03, (One vacancy), Code 2573 — Controls levels and movement of stock through analysis of IBM listings. Orders stock, ensures that excess stocks are not accumulated and takes immediate action to dispose of such excesses as do develop; makes proper substitution of stock material. Qualifications: One year general clerical experience for the GS-03 level. General Engineer, GS-13, Code 3022 — Incumbent is a Senior Project Engineer and is responsible for a complex long-term Naval Weapons Vulnerability test program. Is required to have several years experience in field testing of high explosive loaded warheads and live rocket motors. Must possess detailed knowledge of specialized thermal, blast overpressure fragment, and photographic field test instrumentation techniques. Is required to provide close and constant liaison with Weapon System Program Managers in NAVOSDSCOM, NAVAIRSYSCOM, BUSHIPS, and other developmental agencies. Is required to work outside under adverse climatic conditions a major portion of the time.

DIVINE SERVICES

Protestant—(All Faith Chapel)—Morning Worship—8:15 and 11 a.m. Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant. Roman Catholic (All Faith Chapel)—Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday. Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m. Confessions—7 to 8:00 p.m. Saturday. NWC Jewish Services (East Wing All Faith Chapel)—8 p.m. every first and third Friday. Sabbath School—10 a.m. to noon, every first and third Saturday. Unitarian Fellowship—(Chapel Annex, 95 King Ave.)—Sunday, 7:30 p.m.

The Rocketeer

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EDITORIAL

Getting By Is Not Enough

What would be your reaction to a situation such as this: You've taken your car to a mechanic for some repairs and when you go in to pick it up, you overhear him saying to one of his friends, "I guess I could have done a better job, but what the heck, this is good enough to get by and he'll never know the difference." You would no doubt be pretty upset. After all, you're paying this man to do a job and you don't expect it to be done with a "get by" attitude.

However, before you sound off and give this mechanic a piece



of your mind, think about your day to day performance of duty and make sure that you haven't adopted the same outlook. When you are doing your job, are you an artist, a craftsman, with the particular tools of your trade? When you turn out a piece of work, is it the very best you can produce — or have you cut a few corners because "it's close enough for government work"?

Don't accept mediocrity. Whether you are an administrator, cook, baker, mechanic, or in one of the hundreds of other assignments in the Armed Forces, strive to do your job better than anyone else. You will certainly have a great deal more personal satisfaction knowing your job was done correctly and completely. You will also find that a little extra effort and attention to detail on your part will benefit you in the long run.

When someone says, "When you give him your job to do, you know it's going to be done right — he's a real artist," make sure they're talking about you. (APPS)

CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

- Fiction: Eden—Shadow Wife. Kendrick—Flight From the Firing Wall. Macdonald—Archer in Hollywood. Schaefer—The Short Novels of Jack Schaefer. Matthews—Hanger Stout, Awake! Non-Fiction: Clark—Carrier Admiral. Frost—The English. Hirsch—The Red Chinese Air Force Exercise, Diet and Sex Book. Mannix—The Fox and the Hound. Mead—The Encyclopedia of Religious Quotations. von Braun—Space Frontier. Williams—Beyond Belief.

Technical Writer-Editor, GS-7, 9 or 11 (two vacancies), Code 3002 — These positions are located in the Editorial Branch, Planning and Administrative Systems Development Department. Incumbents are expected to have experience in writing and editing of a basic technical background. Work consists of writing and editing technical documents related to research, systems development and testing, and valuation programs, based on interviews with workers in the field, notes and background file of technical personnel, and independent writing.

File application for above with Fawn Haycock, Bldg. 34, Rm. 34, Phone 71514. Mechanical Engineer (Ordnance), GS-830-12, PD No. 755012-1, Code 5563 — The incumbent is the project engineer on the Snake I retarded bomb program and is responsible for mechanical design, configuration management, and technical assistance to Weapon/Weapon Component producers. Performance of work will primarily be with the above program, but will include other freefall ordnance and rockets.

Electronic Engineer (Instrumentation), GS-855-11 or 12, PD No. 755066, Code 5533 — This position is that of Senior Project Engineer, in the Telemetry Branch, Product Design Division of the Engineering Department. The incumbent's general assignment is the design, development, testing, evaluation, documentation and monitoring of procurement of telemetry units for this Center. The spectrum of duties entailed by this assignment ranges from original design to production liaison with the manufacturer. Clerk-Typist, GS-322-3, PD No. 555058, Code 5540 — The incumbent of this position is a clerk-typist in the Production Scheduling Section, Production Control Branch, Mechanical Division of the Engineering Department. The major duties include examining and processing time charges; processing of completed shop production orders; processing of time cards; operating reproduction machines and general clerical and typing.

Mechanical Engineer, GS-830-11 or 12, PD No. 555061-1, Code 5524 — The position is that of Project Engineer in the Electromechanical Division, Engineering Department. The incumbent is responsible for the design and/or production engineering rede. sign, test, documentation, and evaluation of mechanical components and/or assemblies which improve the productivity ease of use, conservation of essential materials, and improves the performance and the reliability of miniature inertial systems of advanced guided missiles. The incumbent must have a Bachelor of Science degree in Mechanical Engineering and a minimum of three years experience in the design and development of inertial systems for guided missiles.

File application for above with Sue Proslowicz, Bldg. 34, Rm. 26, Phone 71577. Liquid Fuels Distribution System Operator (one vacancy), Code 2596—Applicants must have had two years of experience such as operation of a liquid oxygen and nitrogen recharging units; a liquid fuel system or a bulk lubricant dispensing system; operation of mechanical maintenance, and repair of fuel dispensing systems, and operation of evaporator power pumps, or similar systems involving the use of pressure vessels, valves and gauges. Clerk, GS-301-02 (one vacancy), Code 8411 — This position is located in the Internal Security Branch, Security Operations Branch of the Security Department. Basic duties of this position will require the operation of a Polaroid I.D. camera, loading and operations of a laminating machine, use of simple die-cutters, paste-up and manufacture of all types of station passes and military identification cards. File applications for the above with Carol Cadde, Bldg. 34, Rm. 26, Phone Ext. 71648. Secretary (Steno), PD No. 700003, GS-318-5, Code 142—This position is located in the office of the Marine Corps Liaison Officer, Secretariat duties, personal and telephone contacts, information services, scheduling appointments, reviewing correspondence, office management, personnel for USMC and other clerical duties. File application for above with Sue Proslowicz, Bldg. 34, Rm. 26, Phone 71577.

THE LOCKER ROOM

Seasons Begin, Season Ends

By ED RANCK



According to the sports calendar that hangs in the office of China Lake's Athletic Director Ray Gier, the next four weeks or so are to be officially referred to as the volleyball season. To be sure, the competition will begin next week with 10 teams taking aim at the championship trophy.

A glance at the schedule reveals that the season will begin next Wednesday and continue through March 21 with a total of 45 games being played during that period. This is the first intramural volleyball season here in two years. Last year's schedule was cancelled because of the extensive face-lifting project that took place at the local gym. Although it would seem like ancient history now, the incumbent champions are the VX-5 Vampires.

Most of the members of the 1966 Vampire team have long since departed the area so it would be unreasonable to install VX-5 as the team to beat at this time. Like most of the clubs who will enter the competition, they represent an unknown quantity, although the relative strength of each club will no longer be a secret come next Wednesday evening.

HARD CORE EXPANDS

Despite the layoff of one season and the fact that volleyball is perhaps the least publicized of all team sports here, there has been an encouraging response since the call for team entries went out two weeks ago. Approximately 100 players will join the proceedings and with such well known athletic clubs as KAOS, Maladroits and the Half Fast Six being represented, it's bound to be fun.

Like many other sports, volleyball has a hard-core of players here who would rather play this game than any other, and with most of these players entering the competition, the league could be a good one. The success of the league won't depend as much on the caliber of play as it will on the relative strength of the contending teams. If the weakest teams in the league can beat the top clubs on occasion, this volleyball season could be one of the best here in recent years.

ACTION IN BULL PEN

While all this is taking place, the 1968 softball season has begun on schedule. Although the first league game won't be played until early May, the race for the league championship usually begins around Groundhog Day, and this year is no exception.

At this time each year the annual scramble for players begins, and plans are made for the spring training season which will begin in early March for most teams. The China Lake Softball League is perhaps the only softball league around that has such a lengthy practice season prior to the beginning of league play. Last year, several teams actually had to take a mid-spring training break due to the cold weather.

Whether or not the long spring season is really necessary isn't known, but it certainly testifies to the interest that the sport enjoys here, particularly with the players. The league is amateur, but most of the clubs look forward to the season as though they were playing for all the marbles, and it is this intense competition that makes the local softball league as good as any intramural league around.

Last year five of the nine entries had a genuine shot at the championship and there were three teams still in the race until the last two games. This year should see a repeat performance, as there are five clubs that have been formed so far that should have a chance to win it all.

DAVID VS. GOLIATH

The basketball season will close tonight at the gym when the China Lake All Stars take on George AFB at 7 p.m. China Lake will be represented by some of the top players from the local area, all of whom participated in the recently concluded China Lake League.

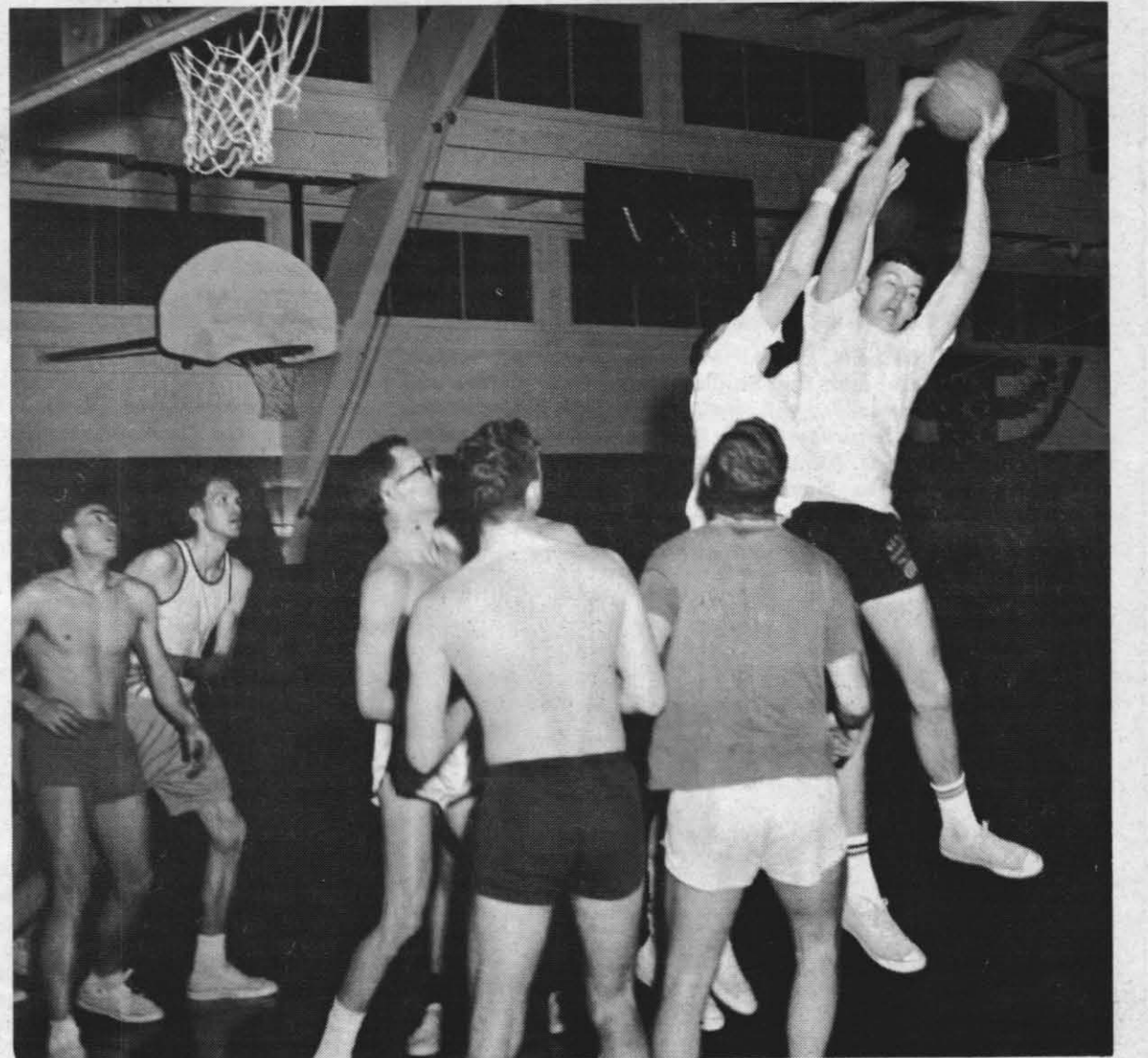
From what we have heard, the George Club is one of the best in the Air Force. Therefore it is reasonable to assume that the only chance China Lake has is to mug the George team when they get off the bus. The local club is equal to the team that made a good showing in the MDISL tournament at Nellis AFB last year however, and despite the heavy odds against them, they could give George a tough battle tonight.

Visibility Test Used by Cyclists

The NWC Safety Department reports white reflective tape placed on the back and side of motorcycle helmets makes the rider more visible to the passing motorist.

Testing clearly proved that fact. White reflective tape was used on the back and both sides

All-Stars Prepare For Hoop Battle



LAKERS STRETCH — The China Lake All Star team puts on the stretch during practice. They'll face George Air Force Base's Star team tonight at 7:00 in the Gym.

Kochman, Dalpiaz Lead Premier Keglers in Lane Struggles of Week

Bobby Kochman and Ken Dalpiaz led the way among the Premier bowlers last week, and the league leading Woodard Cosmetics continued their march toward the league championship.

Kochman rolled a 248-225-195 for a 668 series while Dalpiaz hit a 256 for high single honors. Woodard Cosmetics rolled a single game of 1012 and a 2911 series in sweeping their series to increase their lead to eight full games. Among the 600 series in the Premier this week were Bryan Schuetze 639; Maury Coleman 638; Benny Whiteside 630; Ken Dalpiaz 625; Elmer Davis 619; Ray Schreiber 606 and Gordy Zurn Sr. 603.

In the Women's Scratch League, Alice Cutsinger was high with 204-530 while Maggie Branson hit 500 and Cynthia Schoenhals had a 202 single game. In the Thursday Afternoon Trio, Wanda Magers led the way with 174-487, Nell Davis had high game with 175 and Sherry Ray rolled a 456 series.

Fred Ebling rolled 222-220 enroute to a 625 series, high for the Desert League. John Dowd had high game with 248 while Ken Dalpiaz rolled a 226-604. Other 200 games included Benny Whiteside 223; Alex Ribultan 222-201; Ray Boss 219; Joe Jones 210 and Andy Petach 209. Ray Freascher led the Mixed Foursome with 215-207-198 for 620, while Tom Zurn was close behind with 204-204-201 for a 609. Liz Furstenberg led the ladies with 496 while Alice Cutsinger had high game with 205. Other highlights included Jenny Slaters 201; George Barker 206-200; and Dean Ray 209.

The intent was to approximate field hunting conditions as closely as possible, thus, the rifles used were limited service rifles and sporting rifles weighing a maximum of 10 lb. including sights. The course of fire for the match included 10 shots slow fire in the prone, sitting and kneeling positions at 200 yds., followed by 20 shots standing rapid fire at 100 yards. The rapid fire stage was conducted by shooting five shots at a time. Auto loading rifles were allowed 20 seconds and manually operated rifles 25 seconds to fire each five shots.

Braun's winning score of 245-14V out of a possible 250-50V far exceeded his nearest challenger.

PREMIER STANDINGS

Table with 2 columns: Name and Score. Woodard Cosmetics 412, Tom's Place 330, Starlite 314, Foremost 31, Mercury Movers 29 1/2, Boyd's Auto Parts 23.

Battle at George To Start Lakers In Tourney Play

The China Lake All Star basketball team will host George Air Force Base tonight at 7 p.m. in the Center gym in the first half of a weekend home - and - home series.

The China Lake team, composed of the top players from the China Lake Basketball League, will be making their first start in preparation for the upcoming Mojave Desert Interservice tournament to be held at George next week.

The local club, coached by Dwight Bartlett, will be facing one of the top teams in the Air Force. The George club recently concluded a series of tournaments in which they proved to be one of the toughest teams in inter-service competition.

The second game will be played in the George gym at 2 p.m. on Saturday, with the MDISL tournament beginning on Wednesday afternoon. The tournament is the first event in the 10 sport MDISL competition.

VOLLEYBALL SCHEDULE

February 21 6 p.m.—P and A vs. Half Fast Six, VX-5 vs. Venge. 7 p.m.—KAOS vs. Redbirds, Maladroits vs. Code 12. 8 p.m.—Hospital vs. Code 605.

Pony-Colt Plans To Be Formulated

Fathers of all boys interested in participating in the 1968 Pony or Colt League baseball program are requested to attend a special meeting at the China Lake Community Center on Wednesday, February 21, at 7:30 p.m.

### Congressman Ed Reinecke Visits Center, Receives Briefing, Tour

Congressman Ed Reinecke and his wife, Jeanne, arrived at Naval Weapons Center last Monday morning and were greeted at the main gate by Capt. R. Williamson II, NWC Executive Officer and Dick Rusciolelli, Technical Presentations Coordinator.

A Republican of the 27th Congressional District of California representing the Indian Wells Valley people, the Congressman was hosted by Capt. M. R. Etheridge, NWC Commander and his staff during the morning visit.

Proceeding from the main gate to the Michelson Laboratory Management Information Center, Congressman Reinecke and his wife met with Captain Etheridge; Dr. Thomas S. Amlic, Technical Director (Acting); H. G. Wilson, Associate Technical Director, and J. H. McGlothlin, Head, Community Relations.

#### Meets Captain's Wife

Mrs. Reinecke was introduced to Mrs. Etheridge and Mrs. Williamson II, who later in the morning hosted the Congressman's wife on a tour of the Maturango Museum and other local interest areas.

During the morning briefing in the Management Information Center, Captain Etheridge informed Congressman Reinecke about the Center's history

including a concise overview of Naval technology, current developments and the important mission here involving the Center's team of Navy officers, men, and civilian employees. A color film showing titled: "Laboratories of the Naval Weapons Center" and a question and answer period concluded this meeting.

#### Center Tour

Jim McGlothlin then drove the Commander, Executive Officer and Congressman on a tour of the Center pointing out the Administration Building, Community Center, Public Works, Personnel and Security areas, Center Restaurant, Softball Diamonds, Bennington Plaza, Commissioned Officers' Club and the Officers' Housing area.

Also included in the motorized tour were several stops at vacated quarters and a view of the interiors by the group. The tour continued, passing the Center's Golf Course, Elementary and High Schools and a brief look at Wherry and Capehart Homes.

Concluding the tour, the Congressman and his wife departed for a noon luncheon at The Hideaway in Ridgecrest, returning later that evening for a no-host affair in the Commissioned Officers' Club.



ARRIVES AT NAVAL WEAPONS CENTER — Congressman Ed Reinecke is greeted at the main gate by Capt. R. Williamson II, NWC Executive Officer. The Congressman was then accompanied to Michelson Laboratories.



HEARING ABOUT CENTER'S WORK — Congressman Ed Reinecke and his wife, Jeanne, listen to exposition of the Center's varied research and development projects by Capt. M. R. Etheridge, Center Commander, during the morning briefing session in Michelson Laboratories conference room.

### Contracts Course By UC Extension Starts Next Week

The University of California Extension will offer a course entitled "Contract Changes and Terminations" in the China Lake area beginning February 23.

The course will consist of lectures, case studies and a workshop designed to explain technical contract negotiation, pricing and documentation of directed changes.

All phases will be reviewed, including inspection, warranty and damage implications. Also to be studied will be the preparation and negotiation of prime and subcontract settlement claims and inventories resulting from termination for convenience or default.

The instructor will be Martin L. Glass, assistant Counsel, Navy Purchasing Office, Los Angeles. The class will meet Fridays and Saturdays, beginning February 23, in Room 107, Training Center Building, China Lake, from 7:30 to 10 p.m. Saturday sessions are from 1 to 4:30 p.m. The course ends March 16, and the fee is \$50.

Further information is available by contacting the Employment Development Division, Code 654, Ext. 71359.

Thrifty taxpayers apply their income tax refunds to the purchase of U.S. Savings Bonds. Just check the appropriate box on your tax form.

### Springs Contain Geologic Secrets

(Continued from Page 5)

and pits where it will literally "drown" the unwary investigator. Attempts to crawl down into old shafts, pits or tunnels, according to Dr. Austin, should be approached with extreme caution, or better yet, should not be attempted at all.

Finally, after having viewed these two areas, the next stop is Coso Hot Springs Valley. The paved road drops lower into the basin, comes to a cluster of wooden, adobe and stone buildings perched at the edge of a fault scarp, and there the traveler finds himself in the old Coso Hot Springs resort. In its heyday the resort stretched some distance north to an area where more wooden and stone buildings stand.

A large pond of bubbling, boiling water is in evidence south of the deserted resort and an old bathhouse is found falling apart with age and neglect. The 40-year-old hotel presents a study in silent contrast to modern day accommodations, and while most of the surrounding structures have been stripped to near nothingness, they still seem to silently relate the story of their usefulness back in the 1920's and 1930's.

The fault adjacent to the resort has served as the conduit (graphically speaking — the plumbing system), for a number of hot, mineralized springs. Although the color of the water in these springs varies from

place to place, they all have about the same composition.

#### Wonders Never Cease

Wonders never cease to exist in this vast region of unexpected surprises. It's possible to drive north, according to Albert Lea's article in the November issue of "Westways," from Coso Hot Springs, past some old buildings, and up the Haiwee Springs road for a few miles. At its beginning this is a typical, rough desert road. Near the end, however, there are several steep pitches that can be conquered only by four-wheel drive vehicles. The reward at the end of this rough avenue is a fine collection of Indian petroglyphs, including some excellent drawings of big-horn sheep.

Rock Hound clubs have visited this area for several years past and have managed to return home with stories of hard-boiling eggs in the hot springs. Others, who are fortunate, have found Indian arrowheads on the obsidian-dotted sidehills. There are rabbits, quail and chukar in the region and cattle may be found grazing in the Haiwee Springs area.

The history of the Coso Hot Springs area can go on and on, but to really appreciate this outstanding and most interesting geologic local region, the novice or part-time explorer must make the trip himself to view some of Nature's greatest works of art.



TOUR CHINA LAKE HOUSING — Capt. M. R. Etheridge showed Congressman Ed Reinecke through one example each of three different types of Center family (vacant) housing units. The tour covered the China Lake area.



VIEW OF DESERT HISTORY — Escorted through the Maturango Museum by K. H. Robinson (r), Head of Technical Information Dept., hosting and visiting ladies (l-r) Mmes. Etheridge, Williamson II and Reinecke view petroglyph display from rugged canyons of the NWC North Range hunting grounds from prehistory. Museum curator, Alice Dubin, led visitors by displays of natural and human history.

### Color Photo Work Is Topic At Chem Meet

"The Physics and Chemistry of Color Photography" will be discussed at a meeting of the American Chemical Society's Mojave Desert Section Monday evening, February 19, by Dr. John R. Thirtle, Research Associate and assistant to the head of the Color Photography Division, Eastman Kodak Company Research Laboratories.

The 7 p.m. meeting at The Hideaway restaurant in Ridgecrest will also honor members who have been with the Society for 40 and 50 years. Dinner is scheduled for 7 p.m., and the lecture is to begin at 8.

Long term members who will be honored include Dr. Rene Engle, to receive a 50-year membership scroll, and Dr. James E. Adams, Sumner E. Campbell, H. D. Hellmers, William K. Nelson, and Dr. Donald S. Villars, who will receive 40-year membership pins.

### Social Security Rep. At Community Center Wednesday, Feb. 21

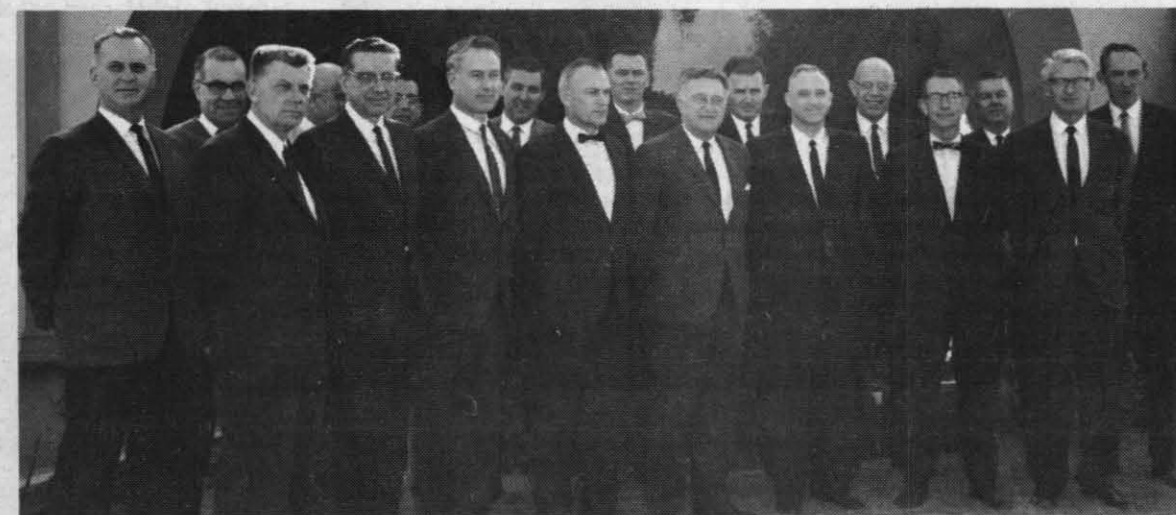
All China Lakers with questions about Social Security provisions may contact a representative from the Administration here next Wednesday, February 21.

He will be at the Community Center from 8:30 to 11:30 a.m., and is available for consultation.



SHOULDER GAINS WEIGHT — Lt. Dave Jones of VX-5 gets a careful adjustment of his new shoulder board by his wife Judy. Capt. W. B. Muncie presented him his new

rank recently at the Squadron. Lt. Jones is Projects Administrative Assistant at VX-5. He reported to China Lake in January, 1965, from Officer Candidate School, Newport.



TECHNICAL BOARD OF DIRECTORS CONFERENCE — The quarterly meeting of Naval Weapons Center Technical Board of Directors was held at NWC Corona Laboratories during the three days of January 17, 18, and 19. Members of the Board, representing the Center and NWC Corona Laboratories, are: front (l-r) Dr. I. E. Highberg (Code 30); Dr. F. S. Atchison, Director, NWC Corona Laboratories; Dr. F. C. Alpers, Acting Head, Missile Systems Department, NWC Corona Laboratories; Franklin H. Knemeyer (Code 40); H. G. Wilson, Associate Tech-

nical Director; Capt. R. Williamson II, NWC Executive Officer; Dr. N. W. Ward (Code 30), and B. F. Husten, Head, Fuze Department, NWC Corona Laboratories. Back row (l-r) are: Capt. R. F. Schall, Commanding Officer, Naval Air Facility; Carl L. Schaniel; Dr. Hugh W. Hunter (Code 50); Dr. Guy W. Leonard (Code 45); Dr. Thomas S. Amlic; Monroe B. Sorge (Code 173); Capt. R. E. Moore (Code 14); Ken Robinson (Code 75); F. A. Chenault (Code 55), and Ray Harrison (Code 65). Coordination between NWC and Corona is a continuous process.



FRIDAY MORNING INSPECTION — Captain R. F. Schall (left) Commanding Officer Naval Air Facility and his staff officers carry on with a Friday morning "Quarters" inspection of his officers and men. During the early morning ceremony several men were presented Good Conduct awards and other awards for service in Southeast Asia.

### New Fire Chief Starts Work, Chief Davis Goes 'On Travel'

James E. Davis, Fire Chief at China Lake since April, 1945, left the valley last week to launch his retirement from public service with a camper-trailer trip around the United States.

New Fire Chief Jack R. Brust, on the job here since October 22 last year, is moving into 215-A Byrnes with his wife Shirley, the same house the Davises have lived in since 1945.

Chief Davis had come to China Lake as "Fire Marshall" (now Assistant Chief for Fire Prevention) and was made Chief in 1954. Before China Lake, he had been fire chief for the California Shipbuilding Corp. on Terminal Island.

Jim Davis has led a great increase in efficiency, though not in personnel, since the early days. Added equipment and training to meet new needs has been the key. Emphasis on fire prevention has resulted in "a minor number of serious fires, considering the types of risks," he noted.

"As I leave this command," said Davis, "I want to pay tribute to a group of first-class fire fighters, who are responsible for the success we have enjoyed in implementing the programs of the Fire Department."

High desert weather gave Chief Davis and his crew a fast

and furious hour one morning about 19 years ago, when China Lakers awoke to find six inches of snow on the ground. "The next hour was well spent fitting chains to the tires of our trucks — fortunately with no fire calls," he recalls. Since then, chains have been checked every day, and were ready for the big snow of 1962.

With his wife Pearle, he left the Valley Wednesday in a camper truck, pulling a travel trailer, for a trip many years in the planning.

"We'll just travel around the U.S. — no destination, no forwarding address — just to see America. We have no definite time to do anything, now that there are no alarms to answer!"

Chief Brust is another believer in fire prevention, and produced two films for the Navy on the subject when he was Fire Prevention Chief at NAS, North Island. He plans to bring a live demonstration show to China Lake soon, one that he designed at North Island.

Jack Brust is a native of San Diego and has lived and worked in that area to this time, except for a tour of duty with the Seabees during World War II. Both he and his wife are avid weekend explorers and radio operators.



FAREWELL TO THE CHIEF — James E. Davis, Fire Chief at China Lake since 1945, receives a plaque honoring his long years of dedicated service from fireman Robert Pinney, representing the Department at a recent farewell party. Davis and his wife Pearle are now headed across the nation by camper and trailer to launch his retirement. He led long achievement in fire prevention here.



FIRM BELIEVER — Fire Chief Jack R. Brust is a firm believer in fire prevention having produced two films for the Navy on the subject when he was Fire Prevention Chief at NAS, North Island. He served a tour of duty in the Seabees during World War II. He and his wife, Shirley, are weekend explorers and ham radio operators.

### Office for Voter Registration Here

(Continued from Page 1)

Art Rutherford, business manager for the Board and Teresa Linsteadt have been appointed voter registrars by Miss Vera Gibson, County Clerk. The local office is open from 8 a.m. to 5 p.m.

Other registrars available at their homes are: Mrs. Lorraine Ladda, 1101 Sullivan Road; Mrs. Vera Appleton, 615 Saratoga; and Mrs. Marge Ashbrook, 603-B Lexington.

To be eligible to vote, voters must meet the following requirements: be 21 years of age (as of Election Day); have lived in California one year; have lived in Kern County 90 days; have lived in the Precinct in which you now reside for 54 days; have voted in the last General Election, and be registered.

You may register between now and April 8 and be eligible to vote in the June Primary.

# Historic Coso Hot Springs -- Wonderland of NWC Range

## Devil's Kitchen, Nicol and Coso Hot Springs Contain Geologic Secrets

BY MILT SHEELY

Mention a trip to Coso Hot Springs located within the confines of the Naval Weapons Center range and you'll probably quickly acquire a group of adventurers eager to drive into the area for a rare treat of exploration in the great vastness for some hidden treasure.

### Reminders

But before we get into a general description of the Coso Hot Springs area, it's necessary to remind military and civilians employed at the Naval Weapons Center, as well as the general public, of a few important restrictions placed on a visit to this isolated photographer's paradise.

The area may only be visited during a Saturday, Sunday or holidays and permission must be obtained from the NWC Security Office. NWC military and civilian employees may go to the Security Office to obtain a "Recreation Pass" necessary for entry, plus the required key to unlock the protective gate. Also, travelers must agree to traverse the Coso Hot Springs area with at least two vehicles, preferably, but not essential, jeep-type transportation.

For the general public (not employed by the Federal Government at China Lake) it is requested that they submit a written request to Head, Community Relations, NWC, China Lake, Calif., 93555, for an escorted tour either by a military person or civilian employee at the Center. A minimum of two vehicles is also required during this expedition, plus all other gear needed for survival in the unpredictable desert climate.

### Let's Get Started

Now that we have the permission all squared away and the vehicle checked - out for good, heavy duty tires, adequate water supply, food, first aid gear, and other important necessities, we're ready to head for Coso Hot Springs.

The route leading to this desert magical wonderland? This way, please (note map in photo layout). Hook up your safety belts and let's get started as we listen to the commentator briefly describe our tour.

From China Lake, head for Inyokern, take a right on Highway 395 and drive approximately 30 miles north to Gil's Oasis where you pick up a road going east for about 12 miles to the thermal area. For more specific route and area information it might be worthwhile to purchase, from the Maturango Museum, a booklet titled, "Coso Hot Springs" — A Guide to Geology In Action, by Dr. Carl F. Austin.

Historically, the region was at one time inhabited by Shoshone Indians. Coso, a Shoshone word meaning "broken coal," (like in a fire), was the name given the mining region north and east of the hot springs by Dr. Darwin French in March, 1860.

Three areas, the Devil's Kitchen, the Nicol (Basin) property, and the main Coso Hot Springs Fault Zone series of hot springs are the areas of interest to our explorers.

First stop - off is the Devil's Kitchen area, appropriately named for obvious steaming reasons. Geological research, according to Dr. Austin, shows in this area a number of perlitic volcanoes are located along the northern portion of one of the many northwest trending fractures of this region, and a quartz - pyrite breccia is located to the southeast along this same fracture.

Surface springs and associated rocks at the "Kitchen" are highly corrosive in many places, due to an abundance of sulfuric acid. When sat upon, this acid will rapidly eat away the seat portion of one's trousers or dress, as the case may be. This acid is responsible for much of the bleaching and alteration of the surrounding rocks and for a host of colorful minerals present. An astonishing wealth of background material may be found at the Devil's Kitchen in various current publications.

When reaching the Nicol (Basin) Deposit, the traveler will note that the thermal area covers about 13.7 acres and provides excellent examples of the alteration of granite rocks by hot acid, water and steam, reflects Dr. Austin. The Nicol area contains abundant trenches, several tunnels, and a few shallow shafts dug as mercury prospects. However, here the explorer is cautioned: carbon dioxide emitted by the steam vents, is heavy and collects in low places like shafts

(Continued on Page 6)

Photography by Frederick L. Richards

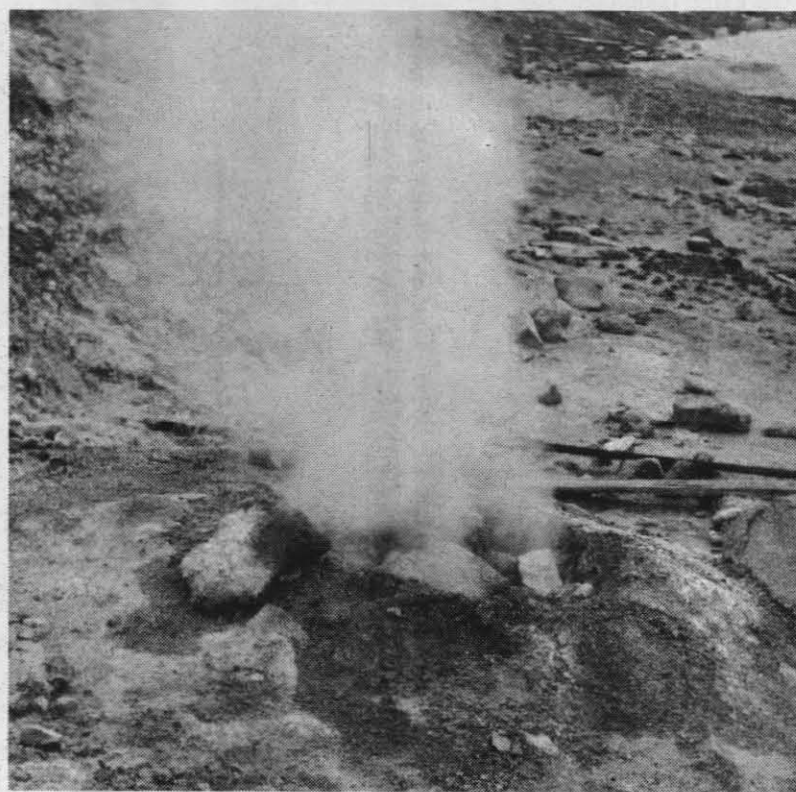


**SENTINELS FOR HISTORY** — Interested spectator, John McCabe, studies the remains of the "Mercury Still" situated in the Nicol region. The photographer caught this striking shot clearly showing vertical-horizontal composition.

**DEVIL'S KITCHEN** — The main entrance-way to Devil's Kitchen might resemble the first step into Satan's backyard, but actually shows the impressive steam formation in the Valley of the Fumaroles along the fault line.



**TWO-JEEP CARAVAN**—Some of the rugged terrain approached by John McCabe and his group of explorers as they take a break during their approach to Devil's Kitchen. Two vehicles are a safety-first precaution in case of enroute mechanical breakdowns.



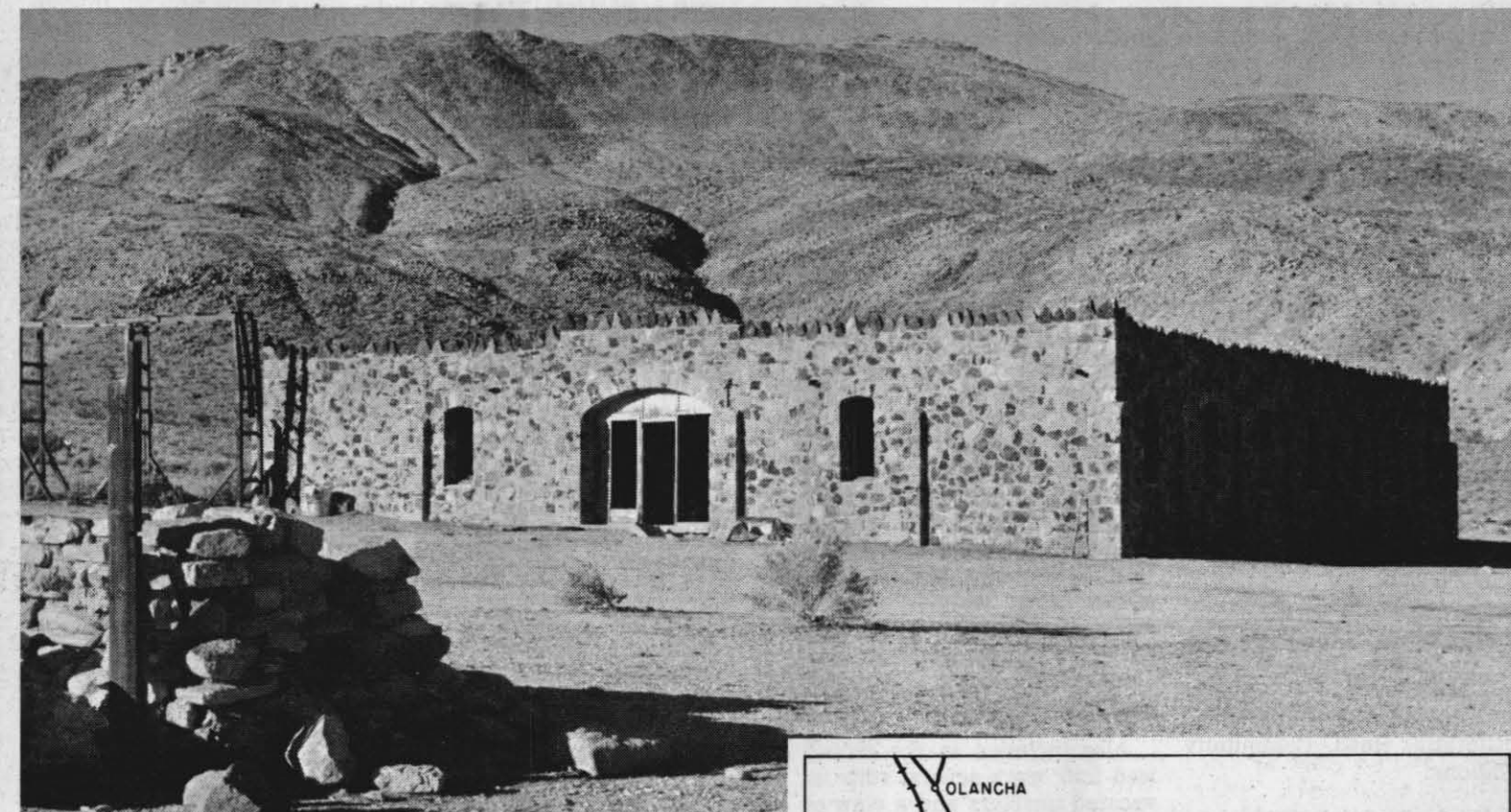
**THAR SHE BLOWS** — A miniature volcano (steam vent) spits forth its anger in a cloud of hissing steam, one of the many sights seen when viewing geology in action.



**THE MYSTERIOUS TRUCK** — What mystery lies behind this abandoned Studebaker truck might well be in the minds of Gerry H. Dunlap (l) and John McCabe, Rocketeer writer, as they inspect the relic found close by the Retort.



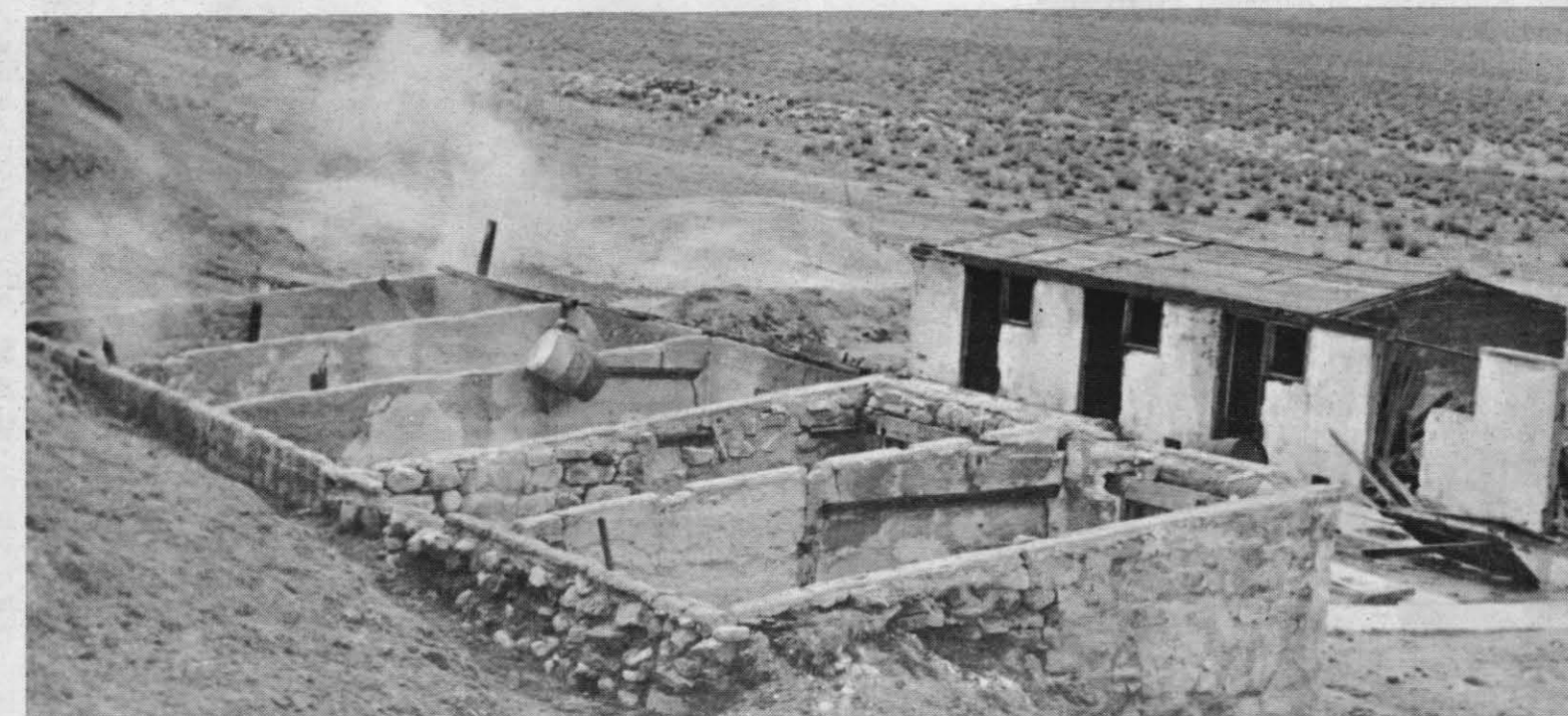
**NATURAL HEATER** — Mrs. Dorothy Horne of Burbank, California, finds a natural steam outlet ideal for warming her chilly hands. Located in the resort area, the plumbing system served for a number of hot, mineralized baths.



**AN ABANDONED FORTRESS?** — Looking like an abandoned fortress, this 40-year-old, 14-room hotel served the guests interested in using the Coso Hot Springs for healthful purposes. Several out-buildings are in the area and were primarily used during the 1920's and 1930's.

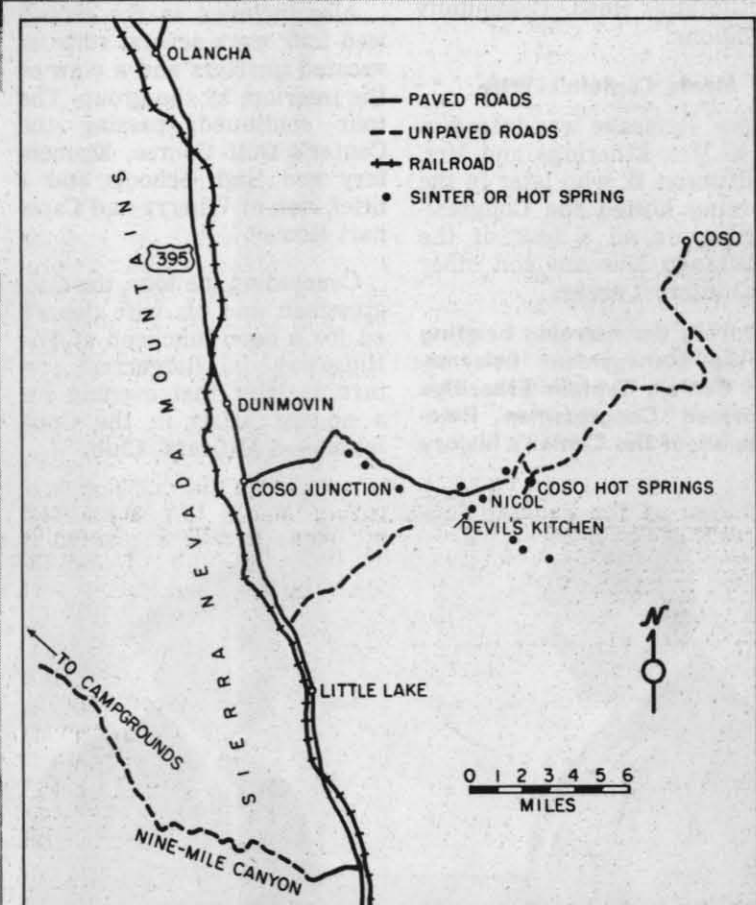


**IMPRESSIVE, ANCIENT FIREPLACE** — Located in the main building at Coso Hot Springs is this historical masterpiece. Note where arrowheads have been chipped out from the mantel and missing stone, probably acquired by a visitor.



**REMAINS OF STEAM BATHS** — The steam continues to rise from the deep depths of the earth surrounding the remains of the Coso Hot Springs bath houses where the mud baths

and steam rooms beckoned people to nature's special remedy. The buildings are located on the up-side of the conspicuous fault scarp. The fault is a conduit for numerous hot springs.



**FROM HERE TO THERE** — The map outlines the general route to be followed from China Lake to Coso Hot Springs.