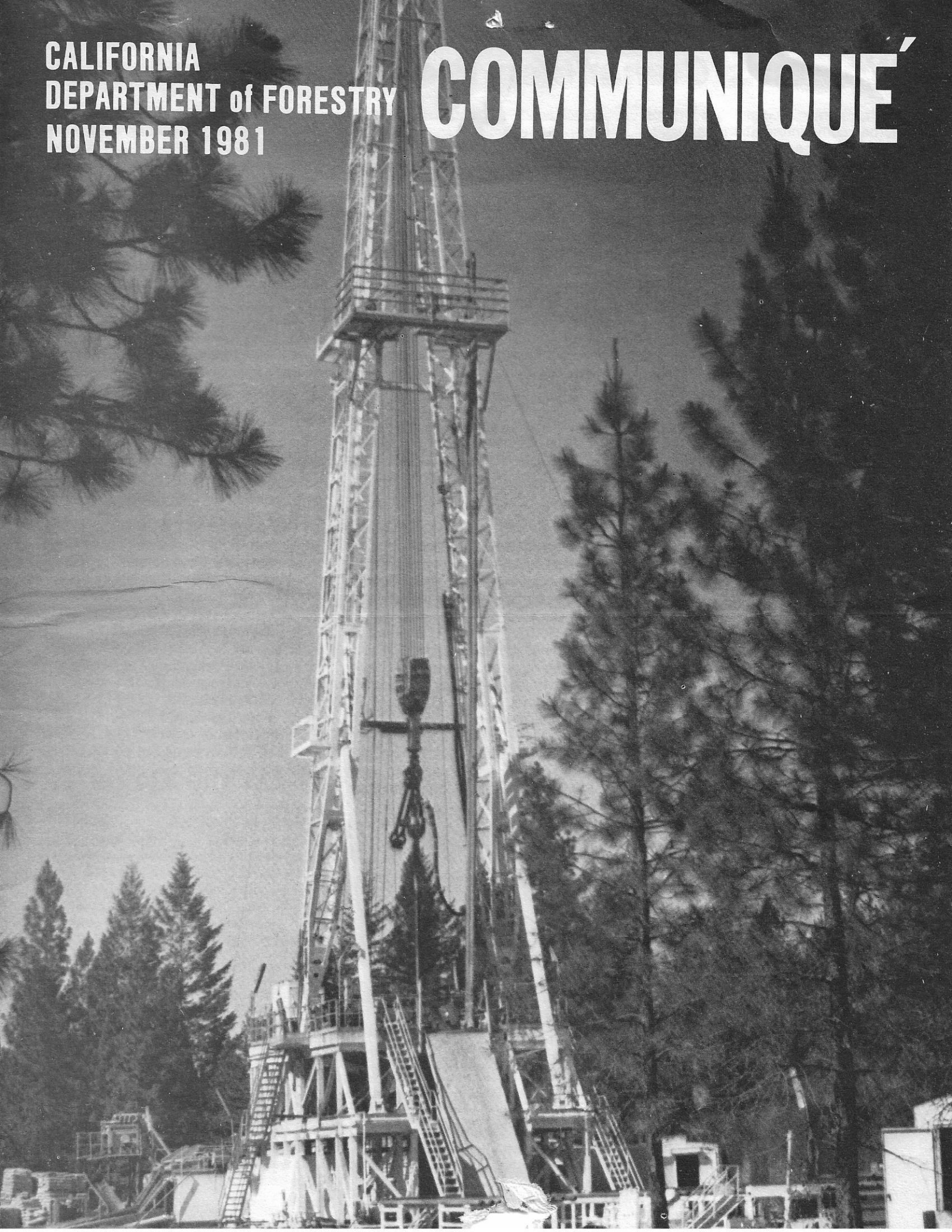


CALIFORNIA
DEPARTMENT of FORESTRY
NOVEMBER 1981

COMMUNIQUE



Women's Committee Progress Report

The Women's Committee has run across some information that we'd like to pass on to department employees. Much of this will appear in the upward mobility handbook, but we thought that these pieces are important enough to be available to you now.

Career Information

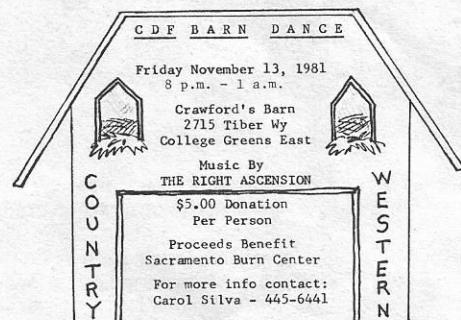
A booklet available from the State Personnel Board that is full of information is the *State Woman's Program Upward Mobility Handbook 1980*. The handbook covers planning, major state civil service techniques (such as transfers, T & D's, TAU's, examinations), and training policies and opportunities. We recommend this pamphlet to everyone. You can request a copy by writing to:

ATTN: Beatris Vallejo
State Personnel Board
801 Capital Mall, MS 55
Sacramento, CA 95714

Additionally, the Manual of Instructions contains information about training and career planning. This should be available at ranger districts, ranger unit and region offices.

Orientation Packet

All new permanent employees should receive an orientation packet "Welcome To The Department of Forestry." Among the topics discussed are descriptions of the department, its policies, and state benefits. The Ranger Unit can obtain copies of orientation packets from the Sacramento warehouse through channels. See Section 2200 of the Manual of Instructions or call the Sacramento Training Office for further clarification.



EXAMINATION ANNOUNCEMENTS

We've found two ways to find out about upcoming examination announcements.

1. All exam announcements are posted at State Personnel Board (SPB) and Employee Development Department (EDD) offices.
2. The SPB in Sacramento (area code 916) has recorded messages about upcoming exams. The phone numbers for these are:

Category	ATSS	Public
Career Executive Assignments	473-3291	323-3291
Clerical Testing	492-2410	322-2410
Health & Related Classes.....	473-3473	323-3473
Law Enforcement & Social Services.....	473-3472	323-3472
Legal, Professional & Technical	473-3471	323-3471
Trades & Labor Classes	473-3474	323-3474
General Testing.....	473-3475	323-3475
Promotional Only.....	473-3470	323-3470

These phone numbers are in the State Telephone Directory.

a word to CDF women

The Women's Advisory Committee has analyzed portions of the woman's needs assessment survey. We'd like to thank all of you who took time to respond. As a result of the findings, we currently wish to focus on three major areas. These are job, training and examination announcements.

In specific, we would like to know how you find out about these announcements and how they are distributed in your work place. You may either call or write to the committee members listed below.

Kimberly Peterson
CDF, Region I
135 Ridgeway Avenue
P.O. Box 670
Santa Rosa, CA 95402

Linda Sanford
Data Processing
1416 9th Street
Sacramento, CA 95814

Stephanie Black
Riverside Ranger Unit
210 W. San Jacinto Street
Perris, CA 92370

Marge Kvarnstrom
Santa Clara Ranger Unit
15670 S. Monterey Street
Morgan Hill, CA 95037

Aileen Fell
Data Processing
1416 9th Street
Sacramento, CA 95814

On the Cover

This month's cover photo of the geothermal drilling rig at Boggs Mountain State Demonstration Forest was submitted by Cliff Fago. Story is on page 3.

If you have a photo depicting the people and mission of CDF that you would like to see on the cover of *Communiqué*, please send your black and white glossy print or negative with a description to *Communiqué*, California Department of Forestry, 1416 Ninth Street, Room 1516, Sacramento 95814. All photographs will, of course, receive proper credit.

MARK YOUR CALENDAR

Mark your calendar now! The Department of Forestry's Annual Christmas Party will be held Friday, December 18th from 8:30 p.m. to 1:00 a.m. at Park Terrace Tennis Club in Sacramento. Details will follow next month.

Geothermal activity presents new challenge

Forest Manager John Spencer manages an active 3,500-acre Demonstration State Forest at Boggs Mountain in Lake County. Recently he had more than the usual activity when a 110-foot, 500-ton drilling rig began exploratory geothermal drilling on the forest. Spencer was not a geothermal expert but he soon became one so he could protect the forest and CDF interests.

Major energy firms have developed large and valuable steam-energy sources on the Geysers Geothermal field on the Sonoma-Lake County line. Boggs Mountain Demonstration State Forest is thought to be on the eastern edge of this field.

A new program for Forestry

On November 1, 1981, Forestry will take over the Dutch Elm Disease (DED) Program from the California Department of Food and Agriculture (CDFA). Our department will contract with CDFA during the rest of this fiscal year to keep the program functioning. On July 1, 1982 the program will transfer to CDF.

Dutch Elm Disease was detected and has been under eradication in six Bay Area counties since 1975. CDFA was going to transfer the DED funds to support the Med-Fly project when forestry offered to take over the program.

CDF is acquiring all of the existing equipment and laboratory for the DED project and will pick up any personnel who wish to cross over. We expect to add classifications for Economic Entomologist, Plant Pathologist, Agricultural Biologist Technician, and Agricultural Inspector.

Communiqué will provide more details as the transition occurs.

Requests to lease the forest for exploration were first made by energy companies in 1968. After a legal determination, the State Lands Commission was given geothermal development rights but could not use them without CDF control and concurrence. CDF foresters had the responsibility of developing effective protection and management procedures to assure the compatibility of energy production with forest management activities. Potentially, Boggs Mountain could yield many millions of dollars in energy value with 16- $\frac{2}{3}$ percent coming to the State as royalty.

In close cooperation with Don Hoagland of the State Lands Commission, a lease agreement was drawn incorporating the provisions felt necessary by CDF foresters to protect the forest. Geothermal Kinetics, Inc. (GKI), a subsidiary of United Cisco Mines, Limited, was the lessee. Hoagland, Spencer, and John Bannister of GKI all worked very closely to plan and develop operating methods and procedures

which were suitable for a forest property.

The drilling site was two acres including an old log landing, and contained a compacted pad for the drilling platform and associated equipment; a 1-million gallon sump; and an access road. GKI drilled for three months. By early June, after drilling 4300 feet deep, it was apparent from geological interpretation that this well would not hit the expected stream source. At this point the well had cost 1.4 million dollars.

On July 1, GKI abandoned the well and began rehabilitation work on the drill site. After the sump is filled in and the topsoil replaced, a portion of the site will be used as a log landing, while the larger portion will be used for an experimental planting.

Even though, this exploratory attempt failed, the forest may still have the potential for energy production. Other efforts at finding this energy are expected and Spencer will have a solid experience base for the next attempt.

Roll bar did the job

by Cash Hooper



The driver of this Model 12 engine zigged when he should have zagged. The engine rolled over but the roll bar served its purpose and the driver emerged shaken up but unhurt.

The limited term driver was on the Fire Academy's Vehicle Operation Course when he turned his wheel against the direction of skid. The vehicle was on level ground going less than 23 MPH.

It is extremely important to turn in the direction of skid because even at low speed and under the best of road conditions an engine can be rolled during a skid if the wheels are not turned properly.

Affirmative Action news

by Manuel Román, Jr.

Slogan needed

"CAN YOU TAKE THE HEAT?" That was the slogan for the 1981 Seasonal Fire Fighter recruitment campaign.

As of August 30, 1,584 persons answered the question and found that they could take the heat!

Planning is now underway for the 1982 recruitment campaign.

The annual recruitment for seasonal fire fighter is CDF's largest and most extensive hiring campaign. Many creative concepts and long hours of hard work go into making the recruitment campaign a success.

The Affirmative Action Office is seeking your assistance during this year's campaign. Got an idea for a slogan? Know of an interesting or striking photograph that could be used on this year's recruitment flyer? Have some ideas for recruitment activities? Please submit them to the Affirmative Action Office or call us at (916) 323-6304. We would like to hear *your* ideas!

Congratulations Alfreida



Not all CDF retirees fade away into oblivion when their careers in Forestry are over. Alfreida Gray, Region I's Accountant I for many years in Santa Rosa, retired in March of 1979 and decided to migrate to sunny Arizona. It seems crime in Green

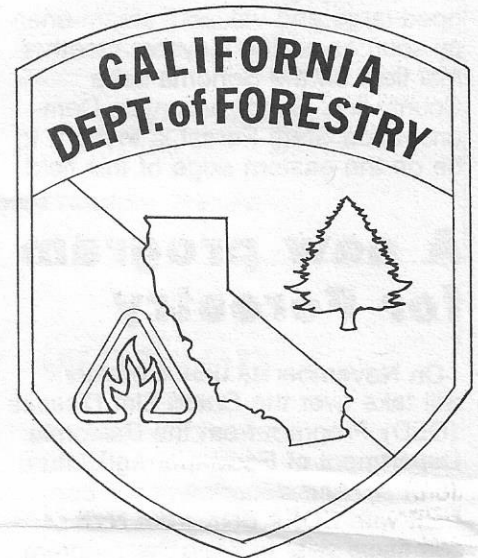
Committee member wanted

The Advisory Committee of Disabled Employees is taking applications for a representative from Region I.. Any person with a "disabling" condition is encouraged to apply for participation on this committee. If you are not sure if you would be considered "disabled" under federal guidelines, contact the Affirmative Action Office. Applications should be submitted to the Affirmative Action Office, 1416 Ninth Street, Room 1512, as soon as possible so that the applications may be reviewed at the November Committee meeting. Application may be made by letter or by submitting a standard state application form. Come join us in our efforts to improve the work setting for the disabled.

Valley, Arizona is like everywhere else, and when Alfreida saw an ad in the paper requesting volunteers for Sheriff Clarence Dupuik's Assist Team, she did. Sheriff's Assist Team (S.A.T.) members receive a formal five week training and orientation. Volunteers vary in age from 27 to 81 and the organization is incorporated with members bonded up to \$50,000.

The purpose of S.A.T. is to be visible. Members do not make arrests, but do conduct visible patrols, in marked cars, wearing appropriate uniforms. They assist and advise home owners on how to safeguard their homes and belongings. Traffic control and communications are high priority items. Public relations work is handled by S.A.T. routinely. S.A.T. members recently were involved in the identification of a burglary ring and were partially responsible for the recovery of almost \$250,000 in stolen property. The accompanying photograph, which shows Alfreida in full uniform with a part of this recovered material, recently appeared in the Green Valley, Arizona, *News*.

Shoulder patch will be official



The shoulder patch illustrated above will soon become the official CDF patch. The chevron-shaped patch depicts the roles of both fire control and resource management in this department.

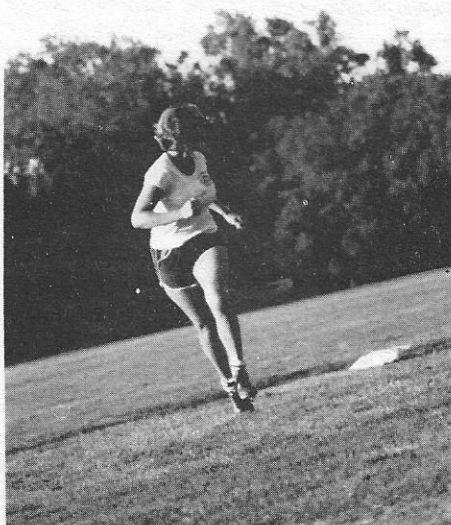
The Department of Forestry is at the front end of a new effort to combine fire control and resource management into a more cohesive organization dealing with complete wildland management. This involves a closer joining together of programs in fire protection and resource enhancement to fully develop and completely utilize the professionalism of all CDF personnel.

Director Pesonen said, "As a step in this new direction for CDF, I have decided that the shoulder patch developed by the Uniform Standards Committee most appropriately depicts our new mission in wildfire and chaparral management. I am certain that the majority of CDF employees will agree."

Jack Odgers, chairperson of the Uniform Standards Committee anticipates the new patch will be available in March or April of 1982.

Baseball has been good to me!!

by Tess Albin Smith



Sacramento hosted the softball event of the year on Saturday August 15- the first Regional CDF Invitational Softball Tournament. At 9 a.m., six teams lined up at the refreshment stands before starting the grueling day. First to play were NYP and Sacramento's Manpower Section.

JENNY SCHWENK from NYP commented later, "Everyone's muscles were sore on Monday, no one could walk." JACK ODGERS pitched tirelessly on the defense, and big hitters ERIC CARR and JIM (home-run) MOWER almost led the team to victory. Their second game went into extra innings when they discovered headquarters batted out of order. NYP's hitters almost cinched the win, but not in time.

TOM KIRK, Manpower's fearless leader, said his team may be out of commission for months! DAVE MORENO hurt his knees, and TOM even dislocated his artificial toe! There were some outstanding catches (in the mouth) by MITCH FINBERG, and JOAN STANLEY is still nursing her sore muscles. This team's best moments were at lunchtime!

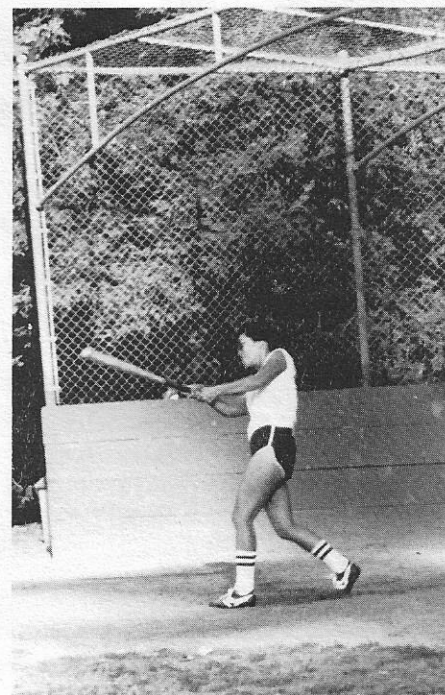
By 2 p.m., Redding's TERRIBLE TEN came out in fourth place with super pitcher BOB RODGERS keeping KEN NIELSEN from being a one-man show. Assisted by some hot-shot women, PATTY BUSEKIST and CONNIE ROGERS (who played errorless ball), long-ball hitters BILL HOEHMAN and TOM RANDOLPH tried to hit them out of the park. The

last game was tied and went into extra innings, but maybe the beverages slowed them down.

Fresno was victorious most of the day with some help from BILL RICHARDS' triple-A-ball playing sister. We all remember CHUCK SERPA at shortstop who snagged every ball that came his way. MIKE SCHORI pitched spitballs and greasers to help the team secure third place. By the way, Fresno extends a personal challenge to Region I next year. The Santa Rosa crew was off fighting fires in Napa that day.

By late afternoon, two hot and tired teams were left to battle for first place. Undefeated all day (so far) was ROSE GONG's team, THE GONG SHOW, from headquarters, with MANUEL ROMAN pitching, "RANGER BILL" WEAVER at first, SYLVIA RAMOS at second, ED ROMAN at LF and IAN DODGE at center. Outfield catches and double plays were killing the other teams! ROSE made diving catches at rover and ROBERT WOODS snagged every hit. DIANA McCORD got on base, and TERI PATTON brought her home for the winning run against Fresno. They were feeling invincible and ready for the finals.

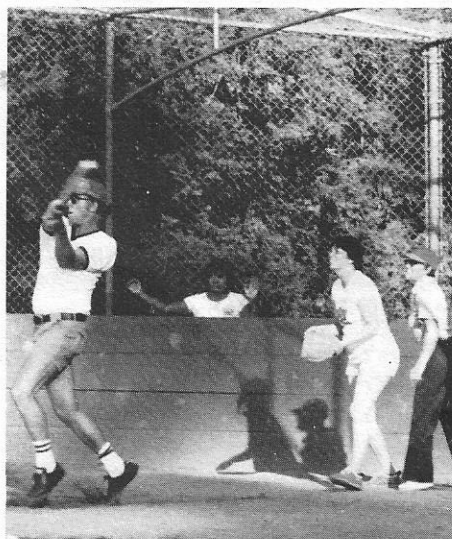
As luck would have it, Rose's team was to play TESS ALBIN-SMITH's SMOKIN' BEARS. THE GONG SHOW had beat the BEARS in the first game and the SMOKIN' BEARS had to play five games (nonstop) in the loser's bracket to come back and play in the finals. And victorious THEY WERE!!! With MARV DODGE and LOIS PERKINS



pitching game after game, and the gruesome twosome —DON PERKINS at third and NANCY JURISICH at shortstop—they never let a ball go by!

SMOKIN' BEARS won this time, but to get the double elimination, they had to play the GONG SHOW again. Neither team would settle for sudden death, especially the tireless BOBBI DODGE and BILL MORRISON. After seven games the BEARS were crippled and sore, but they plugged on. In the seventh inning, THOM SUTFIN and BRIAN BARRETTE were moving the ball for base hits. CLAUDIA JENSEN (with a sprained ankle) hobbled to first, and JIM GEIGER hit a grand slam to bring everyone home and cinch the first place trophy. The second place trophy went to the GONG SHOW. Who says paper pushers can't play ball?

A great day was had by all. The umpires called game after game in the sun but never tired. And thanks to CHRIS GEIGER, the beer money was saved. *EVERYONE* agreed that we should have another tournament next year!



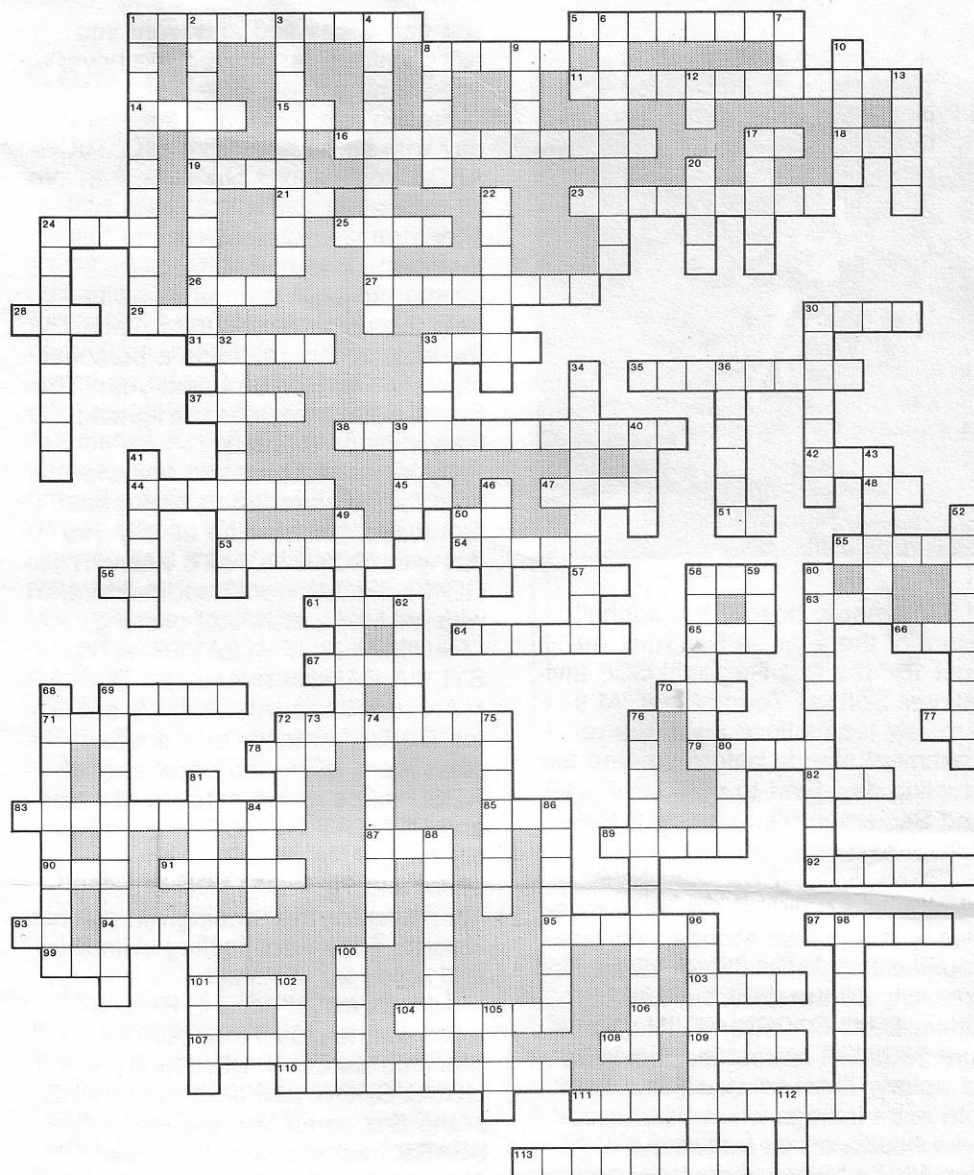
LOST: TWO RED DAY PACKS
FOUND: SET OF KEYS WITH
GOLF CLUB TAGS
CALL: (916) 322-0623

Fire Behavior Teaser

by Don Eichmann

ACROSS

1. One of the primary factors
5. Causes the westerlies
8. With an ignition component of 50 or more, these can be expected
11. Conduction is one (two words)
14. A possible rolling machine
15. A number related to the probability that a spreading fire will result (abbrev.)
16. The number of individual fuel particles per unit of volume
17. Sheriff's office (abbrev.)
18. _____ flag warnings
19. An example of a ground fuel
21. I.C.S. fire boss (abbrev.)
23. Reference system for east & west
24. Dry _____
25. An example of foehn wind
26. Air temperature, in an inversion, reaches its maximum here
27. Between 400 and 700 degree F. in wild-land fuels
28. A stratus cloud on the surface
29. Before constructing line down hill, it must be tied in
30. The sun sets here
31. A fire burning in these would be a ground fire
33. One of the primary factors
35. The amount of moisture in the air.
37. Horizontal movement of air.
38. Fuel, heat, oxygen (2 words)
42. Mountain waves cause turbulence here
44. A famous gravity wind
45. International Harvester (abbrev.)
47. Movement of molecules
48. Air at saturation (abbrev.)
50. _____ and fro
51. Ranger Unit (abbrev.)
53. 21% in its natural state
54. Rays issuing from an illuminating body
55. Rain which does not reach the ground
56. Spread component (abbrev.)
57. Infrared (abbrev.)
58. Wood's slang for bulldozer
61. A ground fuel
62. Forward fire spread expressed in Ft/min or Ch/hr. (abbrev.)
64. The opposite of aerial fuels
65. One of the 13 caution situations warns against taking a _____ on the fireline
66. A good way to strengthen your cardio vascular system is to _____
67. The county north of Inyo
69. A fire in the tops of the vegetation
70. A large sump hole in the atmosphere
71. Unidentified flying object (abbrev.)
72. Distance from the Equator
77. Burning index (abbrev.)
78. Vehicle Identification Number (abbrev.)
79. A major cause of rolling material



82. A training film "Shovels, Pulaskis, & _____"
83. Characteristic of a high _____
85. Arson Investigation Unit (abbrev.)
87. Trans-World Airlines (abbrev.)
89. Large mounds of air
90. Engine (abbrev.)
91. Winch cable is stored on a _____
92. The opposite of a ridge of high pressure.
93. A number related to the forward fire spread (abbrev.)
94. A system of fire prediction for land managers (abbrev.)
95. He was instrumental in development of fire behavior nomograms.
97. H₂O
99. Emergency Command Center (abbrev.)
101. Opposite of thick
103. Release of hot gases in a structure fire

104. Resists verticle motion
106. Without goggles, injury could result to an _____
107. The uppermost exterior covering of a structure
108. A common firefighting hand tool
109. Precip.
110. This cloud indicates mountain waves
111. Patchy or uniform fuels
113. Wind above the friction layer

DOWN

1. Located on midscope at night (2 words)
2. Used to determine humidity
3. A method of heat transfer
4. Exchange of moisture, affinity for water
6. Fuels located above a ground fire
7. Primary radiator
8. Expressed in percent
9. A fire shelter looks like a _____

The Greg Kihn Band...on fire!

10. A system of fire prediction that is *not* site specific (abbrev.)
12. This company makes a calculator capable of fire prediction (abbrev.)
13. Opposite of low pressure trough
17. Receives most sunlight
20. One hour time lag fuels
22. One of the primary factors of the fire environment
24. Gives inches mercury
30. Used in calculating humidity and dew point
32. Combining an element with oxygen
33. Rapid oxidation
34. A method of heat transfer
36. Line of equal pressure
39. When air reaches saturation
40. Inversions will usually break up by _____ morning
41. The direction a slope faces.
43. Turbulence near obstructions
46. Water at 212° F
49. A rule of thumb wind scale
50. The time it takes a fuel to reach 63% — equilibrium (abbrev.)
52. Near coast, Santana's may scour out _____ (2 words)
58. They may funnel local winds
59. Warmer temperatures in an inversion can be found at the _____ of the air mass
60. Vertical continuity, ladder fuels
62. The boundary between two air masses
68. Characteristic of a high
69. Characteristic of a low
72. Fuel moisture readings as high as 300%
73. The form of "A" before an initial vowel sound
74. This component represents the chances of a fire starting
75. As air ascends it _____
76. A number related to the effort needed to contain a fire (2 words)
80. Air moves around then in a counter clockwise direction
81. Traces inversely to humidity
84. As air ascends it becomes _____
86. Favors vertical motion
88. 5½ Degrees per 1000 ft.
96. An air mass that warms with height
98. CDF training facility
100. A wind that blows from high to low elevation
102. A system of fire prediction that is site specific
105. Dry _____ temperature
112. Incident command system (abbrev.)



LARRY LYNCH DAVE CARPENDER STEVE WRIGHT GARY PHILLIPS GREG KIHN

In just 90 seconds of urgent, pulsating rock, the Greg Kihn Band is helping to prevent wildfires in California.

"FIRES! People start FIRES! It's no lie. People start FIRES! I don't know why. One little slip and living things die...."

Kihn and his band "tell no lies" in their 30- and 60-second public service announcements for CDF with "budget lyrics" designed to get the point across to radio listeners in as few words as possible. Since mid-August, the announcements have been aired on approximately 75 California radio stations as part of the Fire Prevention mass media program. Kihn and the band donated their time and talents.

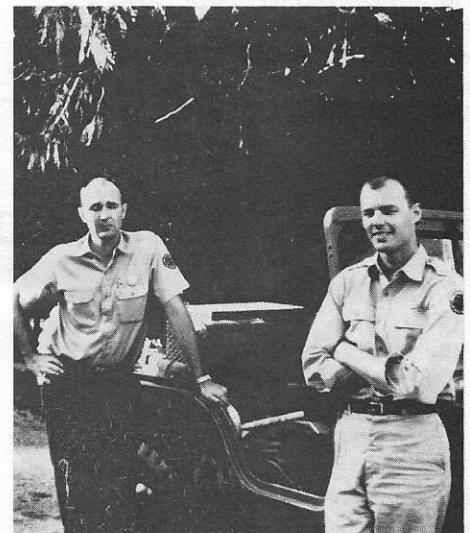
"During the summer it seems like every other day there's a major fire in California," said Kihn. "Land is destroyed, thousands of animals die and all too often people are killed as well. It's amazing, but over 95 percent of all wildfires are started by careless people."

"That's why we did the spots — to help get through to people and let them know they can solve the wildfire problem with a little extra care."

Kihn and band - Dave Carpenter on lead guitar, Steve Wright on bass, Larry Lynch on drums and recent addition Gary Phillips on keyboards - have gone from Berkeley-basement hopefuls to leaders of the

Northern California rock scene with six albums in less than seven years. And if the Greg Kihn Band's concerts, always jam-packed with ecstatic fans, are any gauge of their popularity, the public service announcements will not fall on deaf ears.

Do you know these men?



The above photo was taken at Nevada City Headquarters in August 1962. On the right is Richard Tappe. He was a law enforcement trainee at the time and has since left CDF. The other gentleman is none other than Deputy Director for Fire Protection and Technical Services, Robert Paulus.

NYP takes to the road



NYP stops for "tourist" shot

On August 9, 1981, the Nevada-Yuba-Placer Ranger Unit had the unique opportunity of responding to an out-of-state dispatch. SFR I Norton Kimball led a five-engine task force to an area near Carson City, Nevada to participate with the Nevada Division of Forestry in suppressing a 6600-acre blaze which threatened many homes in an exclusive subdivision between Carson City and Reno.

After completing this assignment the CDF task force was reassigned to protect the ranch of Nevada's Governor List. The cooperation between CDF and the Nevada Division was outstanding, resulting in an

early containment of the fire. "Governor List and his family turned out to shake hands with the crew and express their appreciation," said Ranger Kimball.

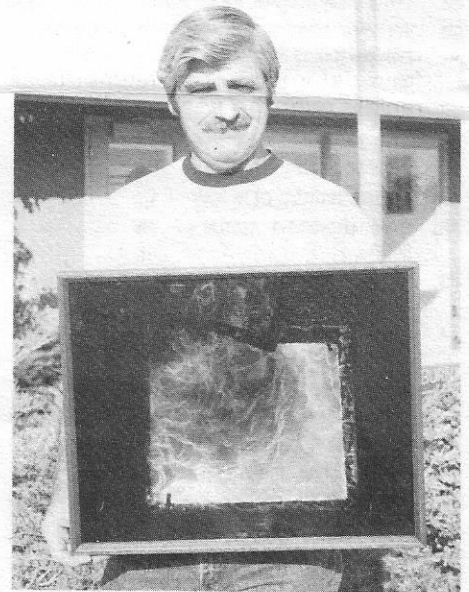
NYP Ranger-in-Charge Jack Odgers paid a brief visit to the fire scene. He expressed a feeling of pride in the CDFer's professionalism and crew discipline and noted the envious "looks and comments" made by the many other fire agencies present.

In a letter to Director Pesonen, Nevada State Forester Firewarden L. V. Smith said, "The professional team headed by N. F. "Butch" Kimball performed their assigned duties

with great skill. Please accept my thanks and the thanks of the people of Nevada for your timely response."

As for the NYP crew, FAE's Pat Mahaffey, Rod Ubry, and Lynn Mello were glad to have had the experience. It seems that Nevada has a fuel situation far different than in NYP and they were exposed to a totally different approach to fighting fire. Fire Captains Jim Stuller, Richard McMaster and Loel Polley remarked that every vehicle in Nevada seems to have red, blue, or yellow lights, making it hard to tell which were fire suppression and which were not.

Whitlock wins blue ribbon



A photograph taken by Siskiyou Ranger Unit Fire Captain Whitlock won a blue ribbon at the Siskiyou County Fair in Yreka this summer. The photo, not at all uncommon to someone in fire service, is of a room engulfed in flame. In color, the photograph is very dramatic.

The occasion was a joint training exercise in structural fire strategy held in the Ranger Unit March 7 of this year. The training, under the direction of local CDF personnel, involved several Fire Protection Districts and Volunteer Fire Companies.

Steve, a 19-year veteran with CDF, says he had no thought of entering the photo in the fair competition, but did so after urging by fellow employees.

Smoke detectors recalled

The Chloride Pyrotector Division of Chloride, Inc., in cooperation with the US Consumer Product Safety Commission is recalling 185,000 commercial and residential battery-operated photoelectric smoke detectors. The detectors are being recalled because a potentially defective electronics microchip may prevent the alarm from sounding in the presence of smoke.

Owners of Chloride Pyrotector Models 3077, 3078 or 3079; Archer number 275453 sold through Radio Shack; Masterguard MGB 360; Van-

guard 817; and Protect-er Systems P365 are to check the model or code number on the interior housing. Potentially defective models will have a six-digit date code showing dates between 030179 and 031581.

If you own one of these models, test the horn with a fresh factory-specified nine-volt battery. If the horn does not sound when the test button is pressed, call Roberta Calla of Chloride Pyrotector at 1-800-343-5647 for instructions on where to send the product for repair or a free replacement.

Buying a rope for rescue work?

International Fire Service Training Association, Summer 1981

Too often manila rope is used as a rescue rope. The following incident points up the weaknesses of manila rope and the advantages of synthetic ropes:

The Takoma Park, Maryland, Fire Department was engaged in a rescue training operation using a "victim" secured in a Stokes basket. The intent was to use an aerial ladder to lift, rotate, then lower the Stokes to the ground from a high building. The Stokes was attached to a 3/4-inch manila rope. As the Stokes was raised, partly over the roof, the rope snapped in two. Luckily with the quick action of crew members, the basket was kept from going over the edge and the "victim's" life was saved.

This incident led to an investigation revealing the following facts:

- Because manila rope is made from natural fibers it deteriorates rapidly over the years and its tensile strength is reduced proportionately.
- If a manila rope ever gets wet, its tensile strength is reduced by half, however well it may be dried afterward.

The rope used in the nearly disastrous drill was seven years old, and, when new, had been soaked in water and dried to take out its stiffness.

Appalled at these findings, the Department did some research into synthetic ropes. Synthetics proved to be more resistant to damage and to provide greater tensile strength.

There are two basic types of synthetic ropes: laid and kernmantle. Laid rope, made of bundles of fibers twisted together, is commonly used for manila rope. Laid nylon rope is elastic because the lays of rope unwind under load. Kernmantle rope is a core (kern) of filaments surrounded by a sheath (mantle). The core of the rope is the strength of the rope, taking the weight and shock loading to which the rope might be subjected. The way the core is made also determines whether the rope is "dynamic" (elastic) or "static" (not elastic).

Kernmantle ropes have different kinds of sheaths for different purposes. Some have sheaths that are loosely woven and loose on the core. This type of rope is good when it must be handled often and have knots changed frequently because it is flexible and easy to handle. The disadvantages are that the loose weave lets dirt and grit into the core easily, the sheath is less abrasion resistant, and a parted sheath will slip along the core for a great distance.

Like all safety equipment, rope needs to be well maintained and cared for:

- Protect it from abrasion. Use hose rollers or some other item (for example, a folded turnout coat) when a rope must pass over an edge.
- Use it for its intended purpose. A rescue rope intended for hoisting or lowering people must be used only for that purpose. For example, towing a vehicle with such a rescue rope may weaken the rope so badly that it will fail the next time it is used.
- Keep it clean. Some persons use a commercial rope washer; others use a regular clothes washer and dryer. In the latter case, be careful that the agitator does not abrade the rope. Do not use hot water or bleach. Use a mild soap. A washed and dried rope will shrink by about 2 percent. (Remember to not dry the rope in direct sunlight.)
- Inspect it after each use. Whatever kind of rope is used, run every foot of it through your hands before using it again. Only in this way can differences in flexibility, diameter, or a lumpiness be detected—sure signs of something wrong. If there is any suspicion of damage, immediately cut the rope at that point. Surface fuzz is natural after a rope has been used, and actually helps guard the rope against further abrasion damage. A badly frayed or abraded rope, however, should be suspect. Exterior condition is often a clue to interior damage.

Buying a rope for rescue is a serious business and must be done with much thought. A department must buy the best rope the budget will allow, and buy it from a reputable and knowledgeable supplier (which is most likely not the local hardware or farm supply store).

Get all the information possible from the supplier and manufacturer. "Static tensile strength," for example, is useful to an extent, but a rope will seldom fail from just stretching at a rescue. Ropes fail during rescues because of previous use or abuse, abrasion, knotting, and other use-caused reasons. Find out the failure characteristics of the rope when knotted, among other things.

(This reviewer has seen first hand similar experiences of manila rope failure during rescue work.)

There's Good News!

The CDF vehicle safety record continues to improve! From January 1 to June 30 of this year, the department reported only 4.999 accidents per million miles driven. This is the best first six-month rate ever recorded for CDF as a Division or Department, even better than any recorded by the old Department of Conservation. Region VI in particular has made outstanding progress. If this momentum can be maintained through the rest of the year, CDF will set an all-time record for safe driving.

In addition, results of the State vehicle accident rate for 1980, show that for the first time since the Accident Prevention Program started in 1955, the CDF vehicle accident rate was lower than that recorded for the State as a whole. The department's rate was 7.24 accidents per million miles driven; while that for the State was 7.46. It is interesting to note that 43 percent of the CDF vehicle accidents occurred during emergency situations.

LEGISLATIVE ROUNDUP

FIRE PROTECTION AND PREVENTION

SB 78 (Ayala) ROOF COVERINGS: FIRE ZONES.—Signed by Governor. Takes effect 1/1/82.

SB 702 (Dills) FIRE MARSHAL: TRAINING FOR THE FIRE PREVENTION INSPECTORS.—Signed by Governor. Takes effect 1/1/82.

SB 799 (Mello) HAZARDOUS FIRE AREAS: FIREWORKS.—Signed by Governor. Takes effect 1/1/82.

SB 812 (Vuich) AMADOR PLAN.—Signed by Governor. Takes effect 1/1/82.

AB 275 (Kapiloff) HOTELS & MOTELS: FIRE SAFETY STANDARDS.—Signed by Governor. Takes effect 1/1/82.

AB 1922 (Floyd) SCHEDULE "A" AGREEMENTS.—Vetoed by Governor.

RESOURCE MANAGEMENT

SB 857 (Keene) PRESCRIBED BURNING.—Signed by Governor. Takes effect 1/1/82.

AB 2261 (Campbell) DUTCH ELM DISEASE.—In Assembly Committee on Agriculture. Interim committee hearing to be held October 26 in Richmond.

This listing of legislation affecting CDF is compiled monthly by Legislative Secretary Carol Silva. For further information, contact Carol at (916) 445-6441, (ATSS) 485-6441, or Green Phone 62.

TIMBER TAXATION

SB 462 (Johnson) TIMBER YIELD TAXES.—Vetoed by Governor.

SB 481 (Mello) TIMBERLAND PRESERVES VALUATION & SUBVENTIONS.—Signed by Governor. Takes effect 1/1/82.

ADMINISTRATION AND EMPLOYEE BENEFITS

SB 329 (Keene) PROFESSIONAL FORESTERS: LICENSURE.—Signed by Governor. Takes effect 1/1/82.

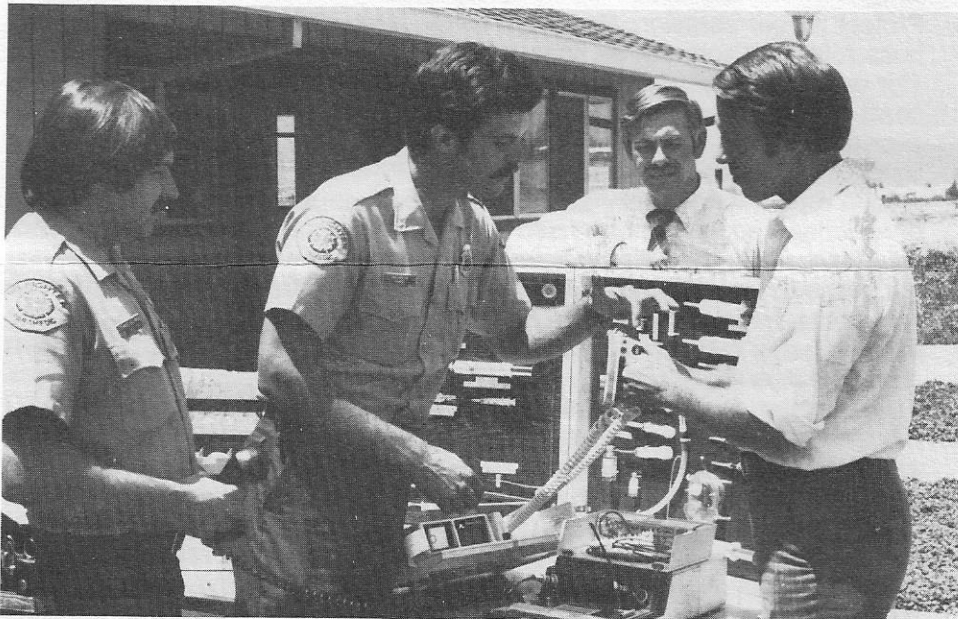
MANPOWER, ENGINEERING AND TECHNICAL SERVICES

SB 65 (Boatwright) EMERGENCY VEHICLES.—Signed by Governor. Takes effect immediately.

AB 75 (N. Waters) STUDDED TIRES.—Signed by Governor. Takes effect immediately.

AB 124 (Nolan) EMERGENCY VEHICLES.—Becomes law without Governor's signature. Takes effect 1/1/82.

Yucaipa welcomes special visitor



FAE/paramedic Woody Alshouse; FAE/paramedic Mike Marlow; Chief Don C. Banghart; and Assemblyman William Leonard

Assemblyman William Leonard, 67th State Assembly District, recently made a visit to the CDF/County Fire Department's Yucaipa Station in San Bernardino County. He was given a tour of the station and equipment which included two state-owned fire engines, one county engine and the paramedic rescue squad.

Assemblyman Leonard is no stranger to CDF facilities in his district and has shown a genuine interest in public safety throughout his term in office. Bill, as he is known locally, was a guest speaker at the Yucaipa

Station dedication just over a year ago. With his sleeves rolled up, he pitched in with all local and CDF Firefighters last year on the Panorama Fire which occurred in his district.

While the assemblyman was at the Yucaipa Station, the paramedics demonstrated their skills and equipment including the taking of his blood pressure (which was surprisingly normal for the position he holds).

Along with Bill were members of his staff, CDF Chief/County Fire Warden Don Banghart, and Battalion Chief Larry Young.

Sports flash

by Tess Albin-Smith

The Fourth Annual Sacramento Good Guys vs. Bad Guys softball game was held in September. There was excellent attendance and plenty of cheering as the Good Guys from the 15th floor took an early lead and held it for all ten innings to defeat the 16th floor team.

Bad Guys Captain Jim Owen claimed he was unable to remove the prized Golden Throne from his desk for proper presentation to Good Guys Captain Tess Albin-Smith.

According to Owen, some unknown culprit fastened the trophy to his desk after the game. The 16th floor team promises to present the award to Director Pesonen and Captain Albin-Smith at an "Appropriate Time." This should be a momentous occasion! Watch this column for further events.

Racquetball Anyone?

The 3rd Annual Racquetball Muster for fire department employees and guests will be held at the Raintree Fitness Center in Clovis near Fresno, on November 21 and 22, 1981. Entry deadline is Monday, November 16. For information and entry forms, contact Walt Prather in the evenings, at (209) 298-4942.

PERSONNEL TRANSACTIONS

NORTH COAST REGION

Promotions—Michael P. Foley to FC, Lake-Napa.

Appointments—Michael P. Holmes to FCS, Parlin Fork CC; Michael J. Williams to HFEO, Sonoma; Peter H. Caf-ferata to For. Grad. Trainee; Mendocino; Delynn R. Banfill to OA II(T), Eel River, and Maureen B. Swanson to OA II(T), Hq.

Reinstatement—Steno. Rosemary Hardy.

Retirement—FCS George A. Dugger, Konocti CC.

SIERRA CASCADE REGION

Transfers—SFR's I Richard R. McConnell and Dan R. Dyer to Butte; FAE Stuart E. Wik to Tehama; and FAE Larry M. Reed to Lassen-Modoc.

Promotions—Patricia J. Busekist to Ofc. Tech., Shasta-Trinity; William J. Taylor to FC, Nevada-Yuba-Placer.

Appointments—Darlyn A. Farned to Steno., Shasta-Trinity; James C. Carter to For. II, Butte; and Robert B. Barrow to HFEO; Nevada-Yuba-Placer.

Training Assign.—FC James E. Casaurang to Shasta-Trinity.

Retirement—SFR II John B. Thurman, Butte.

SOUTH SIERRA REGION

Transfers—FCS Joseph DePaoli and FCS Charles Auttermeister to DeWitt Nelson YCC; FCS Norman Smith to Pine Grove YCC; FC Arthur Doeltz and FAE Benjamin Scott to Tuolumne-Calaveras.

Promotions—Jonathan Rea to For. III, Amador-El Dorado; Lorraine Richwal-ski to Acct. I, Hq.; and Alan Stovall to FCS, DeWitt Nelson YCC.

Appointments—Louise Hebbe to OA II, Growlersburg CC; Donna Tuttle to Steno., Amador-El Dorado; and Elizabeth Rueda to LT OA II, Tulare.

Reinstatements—Shirley Mathis to Sr. Acct. Clk., Hq.; Leonard Elam, Jr. to FAE, Madera-Mariposa.

Separation—Steno. Dorothy Stivers, Amador-El Dorado.

Retirements—FC's Larry Krogen and Steve Fees, Fresno-Kings, FAE Ervin Wirth, Fresno-Kings, and FAE Glenn Brown, Madera-Mariposa.

SACRAMENTO HEADQUARTERS

Transfer—SFR III Tim Huff, Law En-forcement, Hq.

Promotions—Del Albright to For. II; Ken Stanley to SFR III, Veg. Mgt. Prog.; and Teri Hooks to PA II, Pers. Asst. II.

Appointments—Robert D. Doty to Re-source Spec.; Thomas Kawano to Acctg. Ofcr.; and Theresa Woody to Ofc. Asst.

Retirement—Acctg. Ofc. Roy Kemp; SFR III Richard Diltz.

CENTRAL COAST REGION

Promotions—James Asche, Theodore DiNapoli, and David Fator to FC, San Mateo-Santa Cruz, and Michael Wemp to FC, Santa Clara; Steven D. Hernandez and Kirk Landuyt to FAE, San Mateo-Santa Cruz, and Michael Graves to FAE, San Benito-Monterey; David Garcia and Felipe Gomez to FF, CDF, Santa Clara.

Appointment—Debra Geils to Re-source Mgt. Tech., Belmont.

Reinstatement—FF, CDF Billy Waters to San Mateo-Santa Cruz.

SOUTHERN CALIFORNIA REGION

Transfer—FAE Michael Linton to San Diego.

Promotions—Michael E. Brown and Stephanie Black to FC, Riverside.

Appointments—Roderick Thorpe III to LT FAE, San Diego; Rodney J. Delgado to FF, CDF, San Bernardino, Robert E. Loftis to FF, CDF, San Diego, Jeffery Festa to FF, CDF, Riv-erside; Isadore A. Bran to FAE, San Diego, John Gruber to FAE, Riverside; Carl Murray to HEM, San Diego; Carl L. Thomas to FCS, Pilot Rock CC, and Stephen Clifford to FCS, Puerta La Cruz CC.

Separation—FAE James E. Thornton, San Diego.

Retirement—Acct. Clk. II Robert C. Hart, Sr.

Save this date

Retirement party for CDF's Top Cop Dick Diltz will be held at the El Rancho Hotel in Sac-ramento on Saturday, February 6, 1982. Bail and bond infor-mation will be forthcoming.

EXAMINATION CALENDAR

Upcoming Examinations

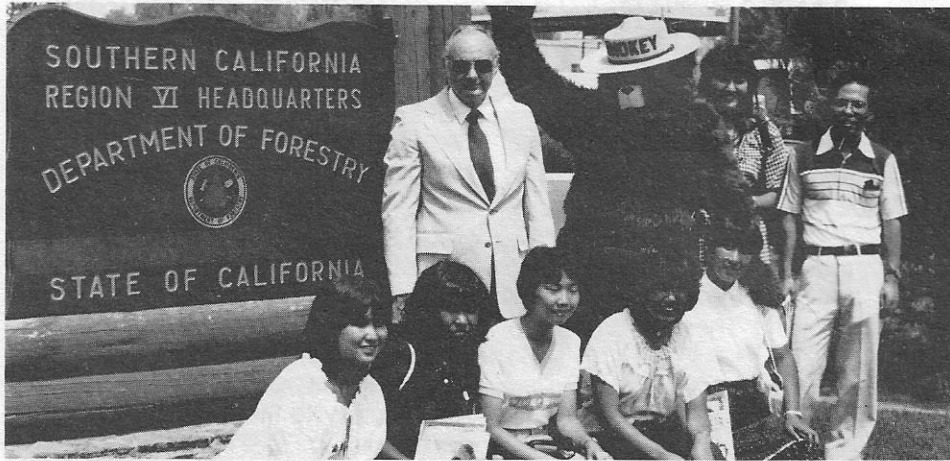
Title	Filing Date	Exam Date
Assistant Air Operations Officer	November 19	January
Air Operations Officer	November 19	January
Fire Crew Supervisor	December 10	Feb. or March
Research Program Specialist I (Range & Wildlife Ecology)	December 10	Feb. or March

Examinations in Progress

Title	Status
State Forest Ranger I	Written - November 14 Interviews - March or April

Do **not** submit applications for examinations until the bulletin has been released. Use Form 678 (1-77) printed in **GREEN** ink.

Konnichiwa Smokey Bear



Chief Rex Griggs and Smokey greet visitors

Chief Rex N. Griggs greeted twenty-three delightful young ladies from St. Josephs High School, Yokahama, Japan, who were touring Region VI Headquarters as part of a three week educational trip to America. The 15 and 16 year old girls are in America with the Interstudy Program. They live with American families while studying family life, busi-

ness and government. Two of the girls are staying at the home of For-ester II Walt Turner. Walt's wife Gretchen is the coordinator for the group during their visit.

The girls toured the Region VI Command Center and FIRESCOPE operation and were surprised and delighted to find Smokey T. Bear hard at work in his office in the

Command Center. Smokey greeted them in Japanese and gave them mementos of their visit. Chief Griggs joined Smokey and the group outside where a very busy and enthusiastic photographic session took place.

The group later told their chaperone/interpreters the visit with Smokey was a highlight of their trip to Southern California.

Department of Forestry **Communique'**

Published by the Office of Public Affairs,
Department of Forestry, 1416 Ninth St.,
Sacramento, CA 95814. Telephone: (916)
445-9920; 485-9920 (ATSS); (Green) 47.
Ethel White, editor; Composition: Edna
Musial; Graphics: Paul DeKoekkoek;
Personnel Transactions: Vera Fava.

FIRST-CLASS



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