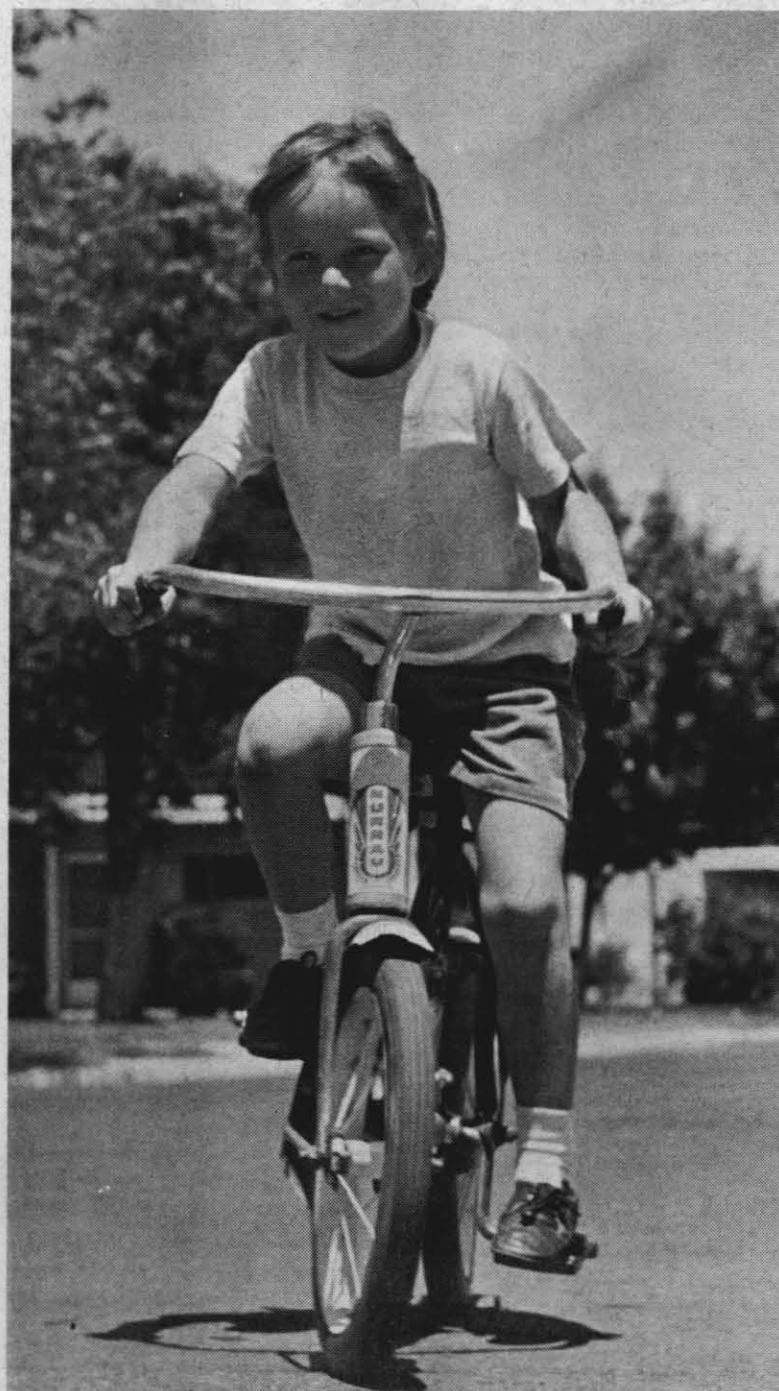


Print Of The Month



BIKE TYKE is the title of this Print-of-the-Month action photo snapped by Navy photographer PH1 Jerry Williams with a 2 1/4 x 3 1/4 Century Graphic camera, at 1/200 sec., f.16. The six-year-old photogenic China Lake cyclist, Flora Jeanne Williams, has been performing in front of her father's cameras for as long as she can remember. Flora's first feature role came last year when she appeared on the Navy Times Magazine cover with her brothers.

Museum Program On Sidewinder Set for Tonight

The Sidewinder will be the main subject of the next program presented to the public by the Maturango Museum. However, it is the reptile, not the weapon, which will be featured in a talk by Tim Brown, specialist in herpetology at UCLA graduate school, in the Community Center auditorium Friday, April 7, at 7:30 p.m.

Equally characteristic of the Upper Mojave with the Sidewinder missile created at NOTS, the rattlesnake by the same name has long engaged the scholarly interest of the lecturer to be brought here through cooperation between Kristin Berry and the museum's program chairman, Jim Baird.

Temporarily residing at UCLA where her husband is taking graduate work, Mrs. Berry, chief botanist for the museum, met Brown and realized that his studies in preparation for a doctorate in zoology under Dr. Kenneth S. Norris is germane to the type of material the local museum is eager to "preserve and share" with the community.

The Brown lecture, which is free and open to the public, will replace the documentary films originally scheduled

'Kiss Me Kate' Provides Broadway and the Bard



ANY TOM, DICK OR HARRY! — "I'm a maid who would marry," sings Teresa Linsteadt as Bianca, "and would take double-quick any Tom, Dick or Harry!" She and suitors (l-r) Tim Dickinson as Germio, Dave Coshow as Hortensio and Jerry Zeutzius as Lucentio expound the wit of the Bard's "Taming of the Shrew," as modified to suit CLOTA's "Kiss Me Kate."

With tickets now on sale for Community Light Opera and Theatre Association's "Kiss Me Kate," theatergoers should begin making plans as to which night to attend, April 13 through 15 or 20 through 22, at the Murray School Auditorium, beginning at 8:15 p.m.

"Kiss Me Kate" is not only musical comedy at its finest but also contains scenes from Shakespeare's "Taming of the Shrew," a comedy dealing with the relationship between man and woman that has kept audiences laughing for several hundred years.

"Kate" was written by Samuel and Bella Spewack, and Cole Porter provided the music that ranges from the hilarious "Brush Up Your Shakespeare" to the pensive "So In Love."

Everyone in the plot of "Kiss Me Kate" has his or her contribution to the story. For example:

Cast as two former hoofers now turned actors are Jerry Zeutzius as Bill Calhoun and Lucentio and Teresa Linsteadt as Lois Lane and Bianca, sister to Kate. Bill contributes to the plot by signing Fred Graham's name to a \$10,000 gambling debt. Lois admonishes him in "Why Can't You Behave," and explains her behavior toward other men in "Always True to You Darlin' in My Fashion."

David Seppich, as Harry Trevor, admits to an upper plate wobble that must be fixed before his appearance as Baptista, the harried 16th Century father.

Appearing as suitors in the

"Shrew" are Tim Dickinson as Germio and David Coshow as Hortensio. They join Bianca and Lucentio in Bianca's plaintive plea that she will marry any "Tom, Dick, or Harry."

Harrison Howell, the stuffy statesman, who is the angel of the show and Lilli's recent fiancée, loses Lilli to Fred and the stage again but, as characterized by Arthur Fields, it isn't much of a blow to his ego.

Robert Gritton, the technical director for the CLOTA production, is also seen on stage as Ralph the stage manager, an agreeable personage who has a convenient remedy handy for any ills.

Tickets are available at the Medical Arts Pharmacy, the Station Pharmacy, the Gift Mart and from individual members of the cast.

Forms Required For Summer Job

All summer employment applicants who took the Office and Science Assistant Examination and who were rated eligible are reminded that the Application For Summer Employment, CSC Form 843, must be submitted by April 15, 1967 to the appropriate Interagency Board for summer employment eligibility.

For employment in Southern California, including NOTS, China Lake and Pasadena, applications must be submitted to the San Diego Interagency Board. See the brochure for further details.

From _____
TO _____
PLACE STAMP HERE

TV Crew Views NOTS Commercial Outlets



TELEVISION STATION VISITS NOTS — Los Angeles Television Crew Interviews Station Residents



NOTS was visited by reporters and cameramen from KABC-TV Channel 7, Los Angeles, on Thursday, April 6. They were here at the request of a few Ridgecrest citizens who are concerned about the Station's announced plans to continue to provide a service station for NOTS employees. The TV camera team interviewed Jim McGlothlin of the Community Relations Office and patrons of Von's market.

McGlothlin brought the reporters up to date on the Navy policy, which is that Navy Exchange and Commissary Store privileges for civilian employees were to be discontinued no later than December 31, 1966.

The Chief of the Bureau of Naval Weapons had authorized NOTS to negotiate with private enterprise on a competitive basis to provide commercial replacements for the following facilities: Grocery Store, Laundry-Dry Cleaners, Beauty Shop, Barber Shop, Cobbler Shop, Child Care Center, Gasoline Station. As of January 1, 1967, all of these except the gas station were converted to commercial operations under the auspices of the NOTS Employee Services Board.

Since there had not been sufficient time for the gas station conversion, the Secretary of the Navy granted NOTS a six month extension for continued civilian use. This authority is to expire on June 30, 1967. In the Secretary's words this action was taken "in order to permit an orderly and smooth transition from current arrangements."

Accordingly, it was announced three weeks ago that invitations to bid had been mailed to some 20 individuals and companies, including all Ridgecrest gas stations, for operation of a gasoline station in the Bennington Plaza area. It is planned to have this facility in operation by July 1, 1967.

KABC had finished a series of interviews with local Ridgecrest citizens before visiting NOTS. The interviews will presumably be shown on Channel 7 in the near future during the Baxter Ward News.

ROCKETEER FROM UNDER THE SEA TO THE STARS

Vol. XXII, No. 14

Naval Ordnance Test Station, China Lake, California

Fri., April 7, 1967

VX-5 Camouflages A-4 Aircraft In Project to Aid Combat Pilots



NOW YOU SEE IT, NOW YOU DON'T — Or at least, not when it's flying. ABOVE, VX-5 men (l-r) AMH3 E. Smith and AMS1 E. S. Pujol spray light sky blue paint on A-4 aircraft, while project officer Lt. Pat Nicolls judges effect. BELOW, finished plane tries to blend in with sky. It proved hard to find as it flew over "B" Range cameras in tests.

Varying Schemes Evaluated in Flight

Although combat in the air over embattled lands has raged through rather frequent periods of war in one part of the world or another for the last 30 years, much of the general public tends to lose track of the scores of special conditions that must be adjusted to, in close support of troops, and how these conditions are mastered.

A recent project undertaken at VX-5 over a period of two and a half months illustrates the Navy's response to one of the prosaic but highly important problems encountered by Navy pilots in the very special kind of war now being fought in Viet Nam.

Ground fire from small arms and light anti-aircraft weapons in the hands of North Vietnamese and Viet Cong troops is the problem. A possible new scheme of camouflage artwork designed and tested by VX-5 flyers is one response.

Lt. R. P. "Pat" Nicolls led VX-5's effort as project officer, and is preparing his report on the results of extensive photographic evaluation of three greatly varying camouflage styles applied to A-4 "C" and "E" aircraft of VX-5.

"Squadron commanders have been looking for ways to cut down the number of our aircraft hit by small arms and small bore weapons fire from the ground for some time," explains Lt. Nicolls. "So about three months ago VX-5 was given the task of finding a camouflage pattern that would be effective against ground troops in Viet Nam." The project came from the Chief of Naval Operations through Commander, Operational Test and Evaluation Force at Norfolk.

"A lot of the interest in painting for camouflage has been encouraged with the development of a new kind of black paint — a high thermal reflective paint that would be quite effective in the delivery of a nuclear weapon," says Lt. Nicolls. "We went to our present color scheme for aircraft — gull grey with white underneath — at least partly because white was the best color to reflect the heat from a nuclear blast." He explains that the new black paint is pigmented with antimony sulfide, and reflects about twice as much heat as the standard gull grey.

So, one of the color schemes tested by VX-5 was the new black, a very flat, non-light reflective black.

Ideas, New and Borrowed Another pattern tested was one similar to that used extensively by the Air Force — a combination of vegetation green and tan. The third color scheme tried was an all-over light, sky blue, jokingly called "baby blue" by some of the pilots.

"We flew these planes over the widest variety of terrain we could find in Southern California — everything we could find that looked anything like Southeast Asia," says Lt. Nicolls.

Three or four planes were flown together, with different camouflage schemes, on many flights, while camera operators on the ground and in the air tried again and again to acquire and track the disguised A-4's. VFP (Light Photographic Squadron) 63 based at NAS Miramar, handled the air photography.

(Continued on Page 3)



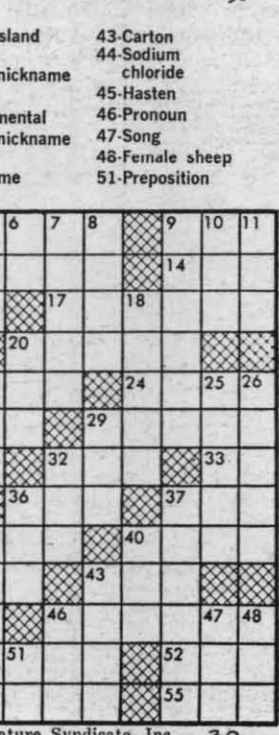
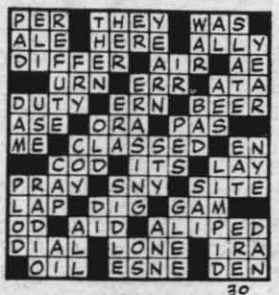
CAROLE JEAN ROBISON

SCHOLARSHIP — Each year, the China Lake Elementary Education Association awards a scholarship to stimulate interest in the teaching profession. This year the \$200 award was presented to Carole Jean Robison, the daughter of Mr. and Mrs. John F. Robison of China Lake. Carole is attending Oregon State University, but plans to teach in California following her graduation.

CROSSWORD PUZZLE

Answer to Previous Puzzle

- ACROSS
1-Ethiopian title
4-Athletic groups
9-Farm animal
12-Mohammedan name
13-Royal
14-East
15-Clothes basket
17-Mended with cotton
19-Irritate
20-Custom
21-Depend on
23-Pronoun
24-Waistcoat
27-Employ
28-Stroke
29-More unusual
30-Pronoun
31-Obstruct
32-Be ill
33-Note of scale
34-Memoranda
36-Concealed
37-Policeman (slang)
38-Blemish
39-Flying mammal
40-European
41-Substance
43-Study
44-Portions
46-Treat
49-River island
50-Locations
52-Ordinance
53-Sign of zodiac
54-Tally
55-Organ of sight
DOWN
1-Cheer
2-A state (abbr.)



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SHOWBOAT

FRIDAY "WAY . . . WAY OUT" (105 Min.)

Jerry Lewis, Connie Stevens (Comedy) The year 2194 finds Jerry an astronaut who, to get a moon assignment, must take a bride. He does—but Connie's a very reluctant one and thereby hangs this tale of fun and frolic, Monkeyshines on the moon. It's spicy. (Adult.)

Short: "A Taste of Catnip" (7 Min.)

SATURDAY "SEVEN SEAS TO CALAIS" (103 Min.)

Rod Taylor (Comedy/Music) Pretty, and very nice, Ann-Margret has a story rejected by a handsome girlie magazine publisher "because it's too tame." She sets out to make him think she's a red hot swinger. The good, sexy-bad-girlie. (Adult.)

Shorts: "Buggin' The Dragon" (7 Min.) "Road To Adventure" (17 Min.)

SUNDAY-MONDAY "THE SWINGER" (81 Min.)

Ann-Margret, Tony Franciosa (Comedy/Music) Pretty, and very nice, Ann-Margret has a story rejected by a handsome girlie magazine publisher "because it's too tame." She sets out to make him think she's a red hot swinger. The good, sexy-bad-girlie. (Adult.)

Shorts: "Buggin' The Dragon" (7 Min.) "Road To Adventure" (17 Min.)

TUESDAY "CONCERT—ALL BACH PROGRAM ROSALYN TURECK

Concert Pianist 8:15 P.M.

WEDNESDAY "THE PROFESSIONALS" (117 Min.)

Burt Lancaster, Lee Marvin, Claudia Cardinale, Jack Palance, Woody Strode (Adventure) Four soldiers-of-fortune scour rugged Mexico searching for a beauty, kidnapped by bandido-revolutionist Palance. Four against a hundred in this exciting, brawling epic that never slows down. Top cast. DON'T MISS! (Adult.)

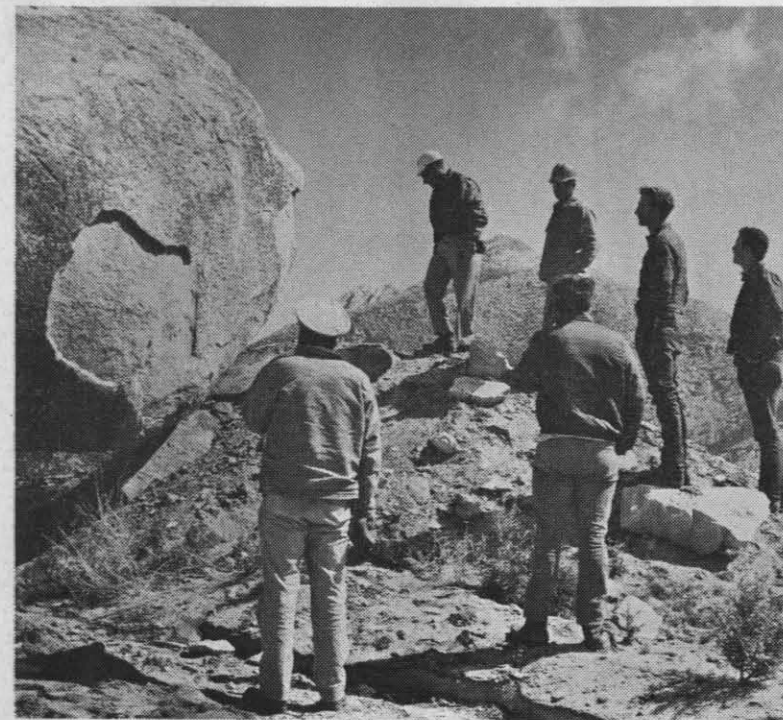
THURSDAY-FRIDAY "THE BRIDES OF FU MANCHU" (94 Min.)

Christopher Lee, Marie Versini (Adventure) Famed Sax Rohmer story has Manchou holding pretty hostages from influential families in an effort to conquer the world. Scotland yard starts operations to rescue the girls being held in the Near East. Tops of its kind. (Adult, Youth, Children.)

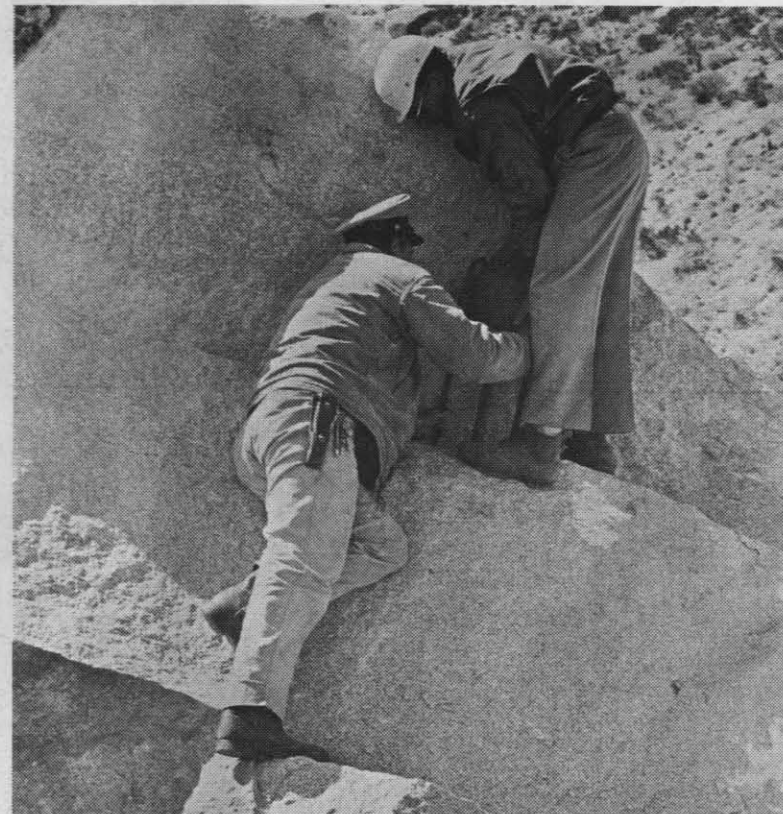
Short: "Champion Anglers" (9 Min.)

Bomb Disposal 'Giant Killers' Cope with a Movable Mountain

Shatter Boulders On New Highway In Kern Highlands



STUDYING THE PROBLEM — But it didn't take long for EOD men Lt. A. W. Dahlgren (top) and Chief D. E. Waste (left) to decide. Others are Land Management people and driver of bulldozer that disposed of the remains.



COUP DE GRACE — Lt. Dahlgren (top) and Chief Waste place 40-pound shaped charge in cleft of fallen half of boulder. Explosion split it into eight pieces.



THE BIGGER THEY COME — The harder they fall. Cat driver Tony Serve (left) helps Lt. Dahlgren find where to put flaked TNT to split wounded boulder in half.

Moving mountains is not the ordinary occupation of Lt. A. W. Dahlgren and his men of NOTS Explosive Ordnance Disposal team.

Just the same, considering the extraordinary range of work these men do for the Station every day, it wasn't too surprising to see them wheeling up the mountains through Walker Pass one day last week on their way to re-adjust part of an unco-operative granite mountain on behalf of a Bureau of Land Management road project.

A road has been under construction for about 21 months leading up from Highway 178 in the Kern Valley near the Sundown Ranch to the La Mont Meadows in the high plateau country. According to the Law of the Perversity of Inanimate Objects, the mountain which is to carry the new highway up into the highlands occasionally dumps a house-size boulder on the roadbed. Lt. Dahlgren and his men were called upon to remove a couple of big ones last week.

They are no strangers on the highway construction site. Almost exactly one year ago, they drove up to the area to blast another boulder out of the way, and the Rocketeer captured a piece of the action in photos and print. (April 1 issue, 1966)

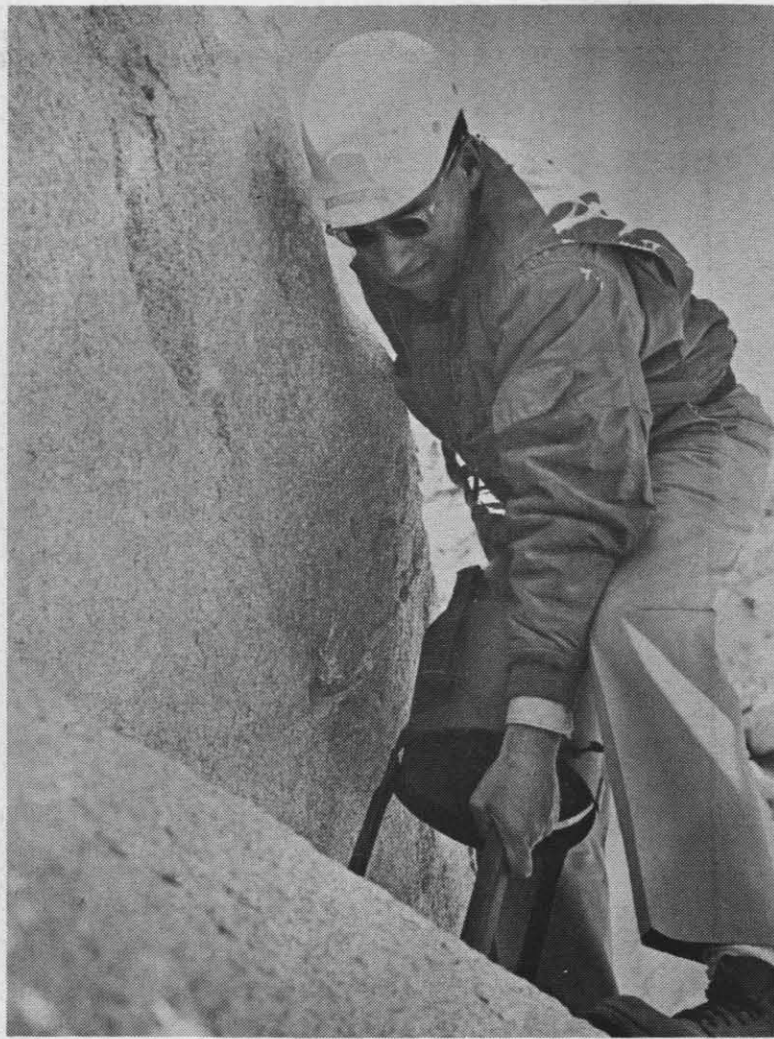
If every job the EOD "Bomb Disposal" men perform were not unique in its own way, this year's trip would have been just a repeat performance. But some new techniques were added this time to shatter a huge monolith poised over the roadway, just barely hanging on; and then another one near the bottom of the slope and bulging into the right of way.

The request for assistance came through to NOTS last Monday, March 27, from Robert J. Springer, District Manager for the Bureau of Land Management in Bakersfield, and EOD responded with two trips to the mountain — one to remove the overhanging boulder on Wednesday the 29th, and another to take care of the road-blocking stone the next day.

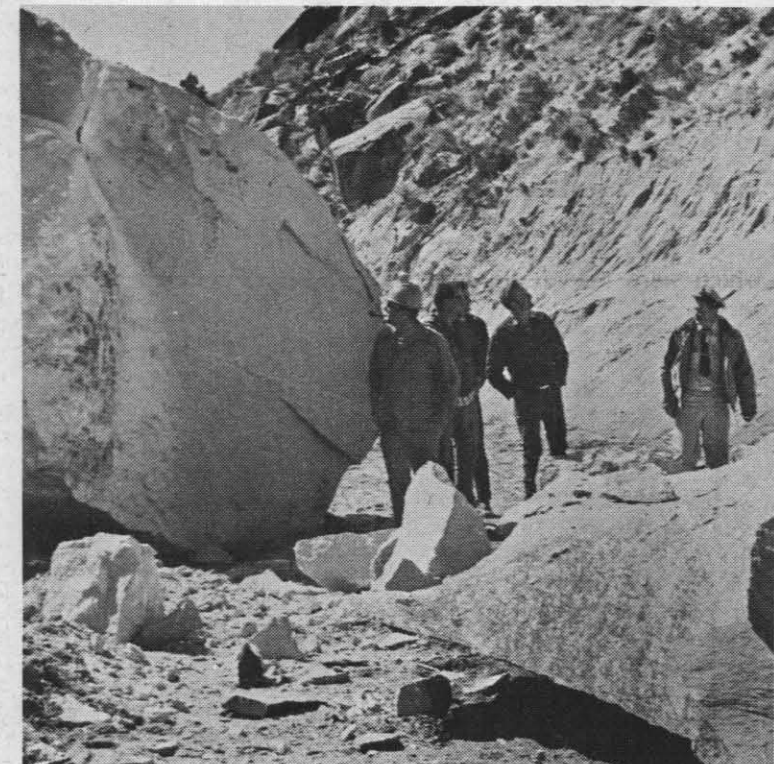
"On a new road like this one, with fresh soil exposed and a lot of rain and snow to erode it as we've had this past year, you can expect a certain amount of damage from sliding boulders," comments Lt. Dahlgren. "And there'll be more of them — it's pretty unpredictable terrain up there."

The first day of work on the boulders, Lt. Dahlgren and Chief (AOC) D. E. Waste went up the road to cut the big rock in half with a 40-pound shaped charge, and then demolish the fallen remainder. They worked with dispatch "because we have to keep the ranges clear of ordnance every day too," as Lt. Dahlgren explains.

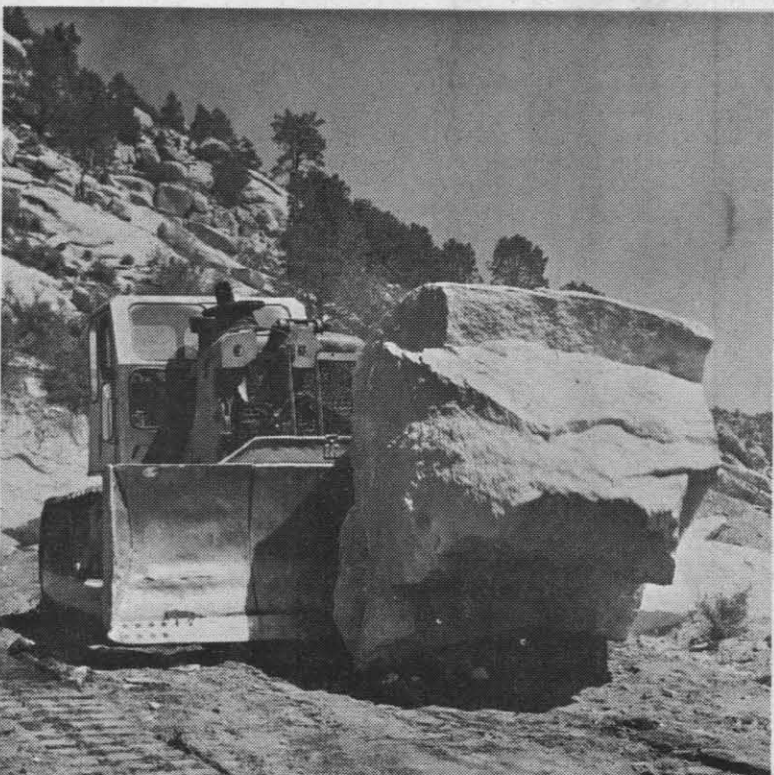
The charge opened long cracks in the rock, into which flaked TNT was poured to split (Continued on Page 5)



TAKING AIM — Lt. Dahlgren "takes aim" with 40-pound shaped charge. Other half of giant boulder remained on hillside above road, resting on a natural ledge.



BETTER NOW THAN LATER—Shattered boulder covers roadbed where it fell from precarious perch just above. EOD and Bureau of Land Management men study next move.



CLEARING THE FRAGMENTS — Dozer shoves on a one-sixteenth piece of the former giant boulder. Demolition job was done with typical EOD accuracy and dispatch.

Phil Iorillo Awarded Top Honors In First Local Optimist Contest



CONTEST WINNERS — The three winners of the Optimist Boys' Oratorical Contest are congratulated and presented their trophies. From left to right are Ted B. Edwards, President of Ridgecrest - China Lake Optimist Club; Bruce Amos, second place winner; Phil Iorillo, first place winner; Bill Neufeld, third place winner; and Nick Kleinschmidt, Contest Director.

Thirteen year old Phil Iorillo, son of Mr. and Mrs. Alex L. Iorillo of Ridgecrest, took first place honors in the Optimist Boys' Oratorical Contest which was held March 28. Phil attends James Monroe School and is in the seventh grade.

Bruce Amos, a freshman at

Burroughs, won the second place trophy. He is the son of Mr. and Mrs. Arthur Amos of Ridgecrest.

Third place trophy went to Bill Neufeld, sophomore at Burroughs, and son of Mr. and Mrs. William Neufeld of China Lake. Both Bruce Amos and Bill Neufeld are students in speech classes taught by Mr. Michael Christensen of Burroughs High School.

Shatter Boulders

(Continued from Page 4)

it cleanly. Another quickly placed 40-pound charge broke the fallen half into eight pieces, which were then bulldozed out of the way.

The next day, MN-1 Donald Schmura and GMT-2 Melvin Blair drove to the site of the smaller boulder near the bottom of the new road, and dispatched it using a 40-pound charge and cubes of C-3 plastic explosive.

Their Method of Operation gives a good idea of the high degree of skill these men bring to their work.

"We take a look at the rock," says Lt. Dahlgren, "then put an appropriate charge where it will do the most good — about a five-minute set-up operation. You have to be careful not to use too much explosive in a situation like this, because you can crater the roadway if you do."

"After we set up the charge, we apply a fuse — that's about another five minutes for burning — then go to work on the results until the job is done." (By the way, fellow laymen, a fuse is pyrotechnic; a fuze is mechanical or electrical. We just learned that ourselves.)

The EOD men also do similar work on Station territory for the Public Works Department.

For example, there is a job coming up in Randsburg Wash that involves blasting a roadway through volcanic rock to a new site — purpose as yet classified. About two weeks ago, EOD put explosive in some 17 drill holes, some up to 10 feet deep. They'll next fill another 70-some holes, and blast the way further for the new road.

And all this is done in addition to keeping the NOTS ranges clear of all manner of expended ordnance.

More power to EOD — and well done!

Concert Group Will Present Rosalyn Tureck

The China Lake Civic Concert Association will present Rosalyn Tureck, pianist, on Tuesday, April 11, at the Station Theater at 8:15 p.m. This is the final concert of the current season and has been rescheduled at this time, after Miss Tureck was forced to cancel her originally scheduled concert in November because of illness.

Acclaimed by The London Times as "the greatest scholar and interpreter of Bach in the world today", Miss Tureck's concert here will be an all-Bach program.

Some tickets will be available for this concert, and those interested in purchasing tickets are asked to come to the Box Office at the Station Theater after 7:30 p.m. on the evening of the performance.

Patrons are asked to bring either their stub for Miss Tureck's concert or the part of the ticket to which the stubs were attached for admittance to the concert. However, if neither can be located, patrons may present themselves at the Box Office where identification will be made from Concert Association records.

'The Given Word' To Be Screened

The China Lake Film Society will screen the next-to-last picture in its current series of film classics Monday and Tuesday, April 10 and 11, at 8 p.m. in the East Room of the Community Center.

The picture will be "The Given Word," written and directed by Anselmo Duarte, famous Brazilian director.

It received critical acclaim wherever shown, and won the Golden Palm Award for Best Film at the Cannes International Film Festival of 1962. It still remains probably the major achievement of Brazilian cinematic art. Tickets will be available at the door.

Will Address Tech Writers Monday



TED McALLISTER, TID consultant, will relate to the local Chapter of Technical Writers Monday evening how he was able to trace down newsreel footage and historical information to make an eight-minute documentary film on Dr. Albert A. Michelson. The group will meet at 6:30 p.m., Monday, at the Indian Wells Valley Lodge on Highway 14.

Blue Cross Rep Here For Consultations

The Blue Cross Representative will be at the Community Center Wednesday, April 12, between the hours of 9 a.m. and 4 p.m. to answer any questions for NOTS employees.

VX-5 Wins Safety Award

Quarterly Aviation Safety Award



COMMANDER, NAVAL AIR FORCE
UNITED STATES PACIFIC FLEET

takes pleasure in presenting this certificate of award

to

AIR DEVELOPMENT SQUADRON FIVE

for commendable achievement in the field of aviation safety during the fourth quarter of calendar year 1966. Flight records show that AIRDEVRON 5 completed a total of 1509.8 flight hours during this period with no aircraft accidents being charged against its safety record.

Since this achievement requires the employment of sound maintenance practices, effective training procedures, and a high degree of air discipline, all hands are to be congratulated for their efforts in making this safety record possible.

To all hands, well done!

Allen M. Shinn
Allen M. Shinn
Vice Admiral, U. S. Navy

GETS FIFTH AWARD — Air Development Squadron Five received its fifth consecutive Quarterly Aviation Safety Award from Commander, Naval Air Force Pacific Fleet for the period ending the fourth quarter of 1966. The award was compiled from flight records showing a total of 1509 accident free flight hours. The award was accompanied by a citation which reads: "Since this achievement requires the employment of sound maintenance practices, effective training procedures, and a high degree of air discipline, all hands are to be congratulated for their efforts in making this safety record possible. To all hands, well done." Signed Vice Admiral A. M. Shinn, Commander, Naval Air Force United States Pacific Fleet.

Oasis Garden Club Luncheon Speaker Is Evie Ashburn

Oasis Garden Club members will hear former China Lake resident and charter member Evie Ashburn speak Thursday, April 13, at 10 a.m. in the Garden Center, 363 McIntire St. Mrs. James Wheeler is hostess for a potluck luncheon following the meeting.

Mrs. Ashburn will relate her experiences in compiling material, researching, and the final publishing of the High Desert Garden Book.

Buffet Dinners At Restaurant Will Continue

The Employee Services Board announced today the continuation of the week-end services at the Station Restaurant on a trial basis through April.

The prices of the Buffet Dinner, served from 11 a.m. to 7 p.m., is \$1.50 for adults; \$1.00 for children up to age 12; and 75 cents for children eight years old and under.

The Station Restaurant is open from 6:30 a.m. to 7 p.m. Saturdays and from 7 a.m. to 7 p.m. on Sundays.

WACOM Lunch Set for Tuesday

Tuesday, April 11 is the date set for WACOM's monthly luncheon at the Commissioned Officers' Mess. Social Hour begins at 12 noon and luncheon at 1.

"Artist and Models" will be the theme and caricatures by Gary Fox will be featured. Door prizes will be presented and a special prize of a free caricature will be given the lucky winner.

The election of officers and the slate is as follows: President, Betty Erwin; Vice - President, Mary McMullen; Secretary, Sharri LaPierre; Treasurer, Dee Cooke. Nominations from the floor will be accepted. Call Gean Romero, 72928, for reservations.

Accey Ducey Club Plans Go-Go Dance

On March 24, the Officers' Club featured Go-Go dancers and the results were something to behold. Since it has proved to be a pleasurable attraction, the Accey Ducey Club will now offer the same action (different dancers) tonight from 9 p.m. to 2 a.m.

The music will be provided by the popular Hustlers, and the event should prove to be very entertaining.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Christine Marchand, Pasadena Personnel Division, Extension 278. A current SF-38 must be submitted when applying.
Mechanical Engineer, GS-9 or GS-11, Code P8027 - Conducts environmental and propulsion test programs on torpedo hardware, using standard environmental and propulsion test equipment and instrumentation to determine optimum methods of construction and causes of operational defects for reliability and design purposes. Must have working knowledge of standard environmental test equipment, instrumentation and techniques.

Navy Forms Group To Study Design Of Future Ships

The Navy has announced formation of a study group under former Commander of Naval Support Activity at Da Nang, RADM. Thomas R. Weschler, to look into ship design and construction of destroyer, destroyer escort and frigate types for the 1970's.

The Admiral's study group will be formed within the Office of Chief of Naval Operations and will delve into the types which have yet to reach the drawing boards.

In his January "posture" statement before Congress, Defense Secretary McNamara said \$30 million had been earmarked in the FY68 budget for studying the design of these ships.

"At the conclusion of the contract definition phase the entire program will be reevaluated in the light of the detailed designs and cost estimates which result," Mr. McNamara said at the time.

February's DOD statement elaborating on Navy escort ships said, in part, that the study group "will examine the missions and roles for these ships and will make specific recommendations concerning the capabilities which should be built into these ships and the number that should be built."

A bad photo is a snapshot revealing your wrinkles. A perfect likeness, however, is a picture taken 10 years ago.



INVENTIONS AND SUGGESTIONS — D. A. Kunz, Head, Systems Operations Division (I), does the honors at awards ceremonies for four division personnel. Left from Kunz — John McCool, Head, Electronics Branch, receives a Patent Holding Award for invention of a "High-Speed Sonar Processor"; Jim Taylor, Head, Engineering Section, is rewarded with a Patent Holding for

a "Seawater Triggered Electrical Energy Source"; Eleanor Page, Weapons Branch Secretary, earned an award for a Beneficial Suggestion of a "Symbol Element Format for IBM Electric Typewriter"; and Paul Heckman, Applied Undersea Science, was presented with a Patent Holding for an "Image Converter and TV Camera Series Combination for Underwater Range Gating.

RECENT VISITORS from the Naval Ordnance Laboratory, White Oak, Maryland, are briefed on simulation studies by H. Mori, Head of the Simulation Analysis Group. From left — J. M. Martin, Chief Underwater Evaluation Department, NOL; A. J. Tickner, Head, Guidance and Control Division, NOTS; W. B. Anspacher, Associate Technical Director, NOL; R. B. Knowles,

Project Manager for TCCM (Torpedo Counter Countermeasure); and Dr. E. H. Beach, Chief, Underwater Electrical Engineering Department, NOL. Renewing old friendships, Tickner was associated with Martin, Anspacher, and Knowles at NOL during World War II. The visitors also toured other laboratories on station.

—Photo by PH2 Ralph Robey

Welcome Aboard

New Employees

Greve, Automotive Equipment Operator; William J. Fitzpatrick, Clerk - Typist; Victor V. Dumkofske, Rigger; Milton J. Halpern, Mechanical Engineering Technician.

Public Works — Delmar J.



TEN-YEAR MILESTONES — Three more Annex personnel have completed 10 years with NOTS. Capt. G. H. Lowe, ComNOTS, officiated at the ceremonies and stands by to offer congratulations to (l-r) George Pollak, Deputy for Administration; Ivy Orr, Secretary to the Assistant Head, UOD; and Nell LaCraft, Communication Section.

Long Beach

Ships To Host General Visiting

The following ships will host general visiting in the Long Beach Area during the month of April from 1-4 p.m.

8-9 April — Transport, Attack USS Navarro (APA-215)
15-16 April — Inboard Minesweeper, Ocean; Minesweeper, Inshore.

22-23 April — Aircraft Carrier, ASW Support USS Kearsarge (CVS-33)

29-30 April — Destroyer USS Rupertus (DD-851)

In-Grade Increase

When an employee is promoted to a temporary position that pays more than his regular job, is he entitled to within-grade increases in the temporary job? The Comptroller General and the Civil Service Commission say yes.

And when the employee returns to his regular job, can he count the time spent in a temporary, higher, grade against his waiting time for the next in-grade increase in his regular job? Again yes.

In such a situation, the employee is serving two waiting periods simultaneously; one in his regular position from which he was temporarily promoted, and one in the position to which he is temporarily promoted.

The Civil Service Commission has informed Federal agencies that an employee who receives a promotion designated in advance as temporary is entitled, upon restoration to his former position, to any within-grade increases in his regular position, to which he may be entitled after the expiration of the required waiting period. The waiting period is measured from the last equivalent increase received in his regular position.

EDITORIAL

Spring Can Be Dangerous

WITH the advent of warm, balmy weather comes the desire to go where the action is. The open road beckons. Spring fever is on the march.

The U.S.A., with its beautiful mountains, beaches and super highways, becomes a tourist haven. Going to far-off places to watch the advent of Spring has become traditional. Millions



of people crowd the highways, open the car windows, and breathe in the new warm air.

Many of the trips are short ones; others go the length of the country. Unhappily, not all springtime tourists return home safely. Some will be involved in an accident. A sober fact, but true.

Many circumstances can contribute to a traffic accident, but improper driving can be blamed for nearly every case, according to the National Safety Council.

Most often, speeding is the cause of fatal accidents. In other accidents it is failure to yield the right of way. A third major error, particularly on rural roads, is driving left of center.

These three factors, along with drinking while driving, contribute to nearly three-fourths of all fatal accidents and to half of the injury accidents.

There is no substitute for defensive driving. Springtime is universally a season of growth, the awakening of nature, the vanguard of pleasant summer days ahead. Drive safely and enjoy it. (AFNB)

Camouflaged Aircraft Are Evaluated

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Out on "B" Range at NOTS, two cameras at once ground away at the aircraft flying singly and together. The pilots flew standard combat maneuvers — as they would to evade ground fire — and radar plots were made on each pass, with timing to tell at what range the planes were acquired by the cameramen.

Which Scheme Was Best?

Results of the testing have not shown any undeniable superiority of one color scheme over the other in all cases, or over the present gull grey and white pattern. But the patterns tested have arranged themselves in an order of effectiveness, according to Lt. Nicolls.

Most effective in evading the eye of the gunner on the ground seemed to be the over-

all, very light blue, blending in neatly with most sky conditions. The present grey and white combination seemed next best.

From the standpoint of the aerial enemy, the Air Force type green and tan combination proved most difficult to acquire, followed by the all-black scheme, though both were easy to see from the ground.

It's impossible to say now whether this camouflage project carried out at VX-5 will result in any changes by the Navy or even certain applications in Southeast Asia, Lt. Nicolls points out. He comments that there also is interest elsewhere, in the Pacific Fleet, in finding camouflage colors to do the job in the present combat situation. But VX-5's work should prove quite valuable in

Boat Club Outing



TRIP TO MISSION BAY — During the Easter vacation, the China Lake Boat Club enjoyed an outing with their boats on Mission Bay in San Diego. Many similar trips, to various places, are taken throughout the year and the public is invited. The club is not for boaters alone, but for campers as well. The next meeting will be Thursday, April 13, at 355 McIntire at 7:30 p.m. Further information is available by calling Ridgecrest 375-7687. Club members shown in the picture are, left to right, Jo Ann Glendenning, Tommy Hilborn, Dennis Glendenning and Marcia Hilborn.

Ecologist Views Treeless Lands At RESA Meeting

Members of the China Lake branch of the Scientific Research Society of America (RESA) are invited to view the treeless lands of the world and the lives of the people who live there at the RESA spring dinner-meeting next Friday, April 14, at the Officers' Club.

The evening's speaker will be Dr. Raymond J. Seeger, Director of the Committee on National Lectureships of the Society of the Sigma Xi, and noted author on ecology and its applications. He will discuss life "Beyond the Forest," a study of the nature, causes and distribution of grassland, scrub and desert, and their role in human evolution and culture.

Dr. Seeger is Professor Emeritus of Conservation at Yale University, and will be touring West Coast colleges and research centers for the next two weeks, lecturing for Sigma Xi and RESA branches. Perhaps the best known of his books is "Deserts on the March," a discussion of the impact of modern culture on the North American landscape.

His technical research has been on the history of vegetation, climate, and human activity in the United States and Mexico. His studies in the Great Lakes Basin were among the first to demonstrate the post-glacial sequence in the northeastern United States.

RESA members and their guests are invited to meet at the COM at 6 p.m. next Friday for a social hour, with dinner following at 7, announced Robert J. Stirton, local RESA president.

Flower Arranging Aids at Library

Members of the community planning to enter the Annual Spring Flower Show of the Oasis Garden Club, April 20, at the Community Center, and who would like to supplement their own ideas will find a good collection of books on flower arrangement at the Station Library.

The following are examples of the titles available: Clements, "101 Ideas for Flower Arrangement;" Starker, "Western Flower Arrangement;" Welch, "Sunset Flower Arrangement Book."

For special arrangements the following will be of interest: Kittel, "Japanese Flower Arrangement for American Homes;" Squires, "A Handbook of Dried Arrangements and Decorations;" Thompson, "Creative Decorations with Dried Flowers;" Hirsh, "The Art of Table Setting and Flower Arrangement;" Schulke, "Holiday and Party Table Settings."

Navy Relief Office Due To Be Closed During April 13-14

The Navy Relief office is due to be closed next week for two days.

During Thursday and Friday, April 13 and 14, anyone wanting to place an emergency call to Navy Relief should call the Chaplain's office at 71653 or 71506.



CHIEF INSPECTOR Capt. L. R. Jensen, member of 11ND Area Coordination Team, followed by Capt. J. F. Conner, arrive at NAF Mon., April 3, for a one-day inspection tour of the Station. After welcome by Capt. G. H. Lowe, ComNOTS, team members held general discussions with their counterpart Station personnel and inspected their cognizant areas.

Photo by PH3 Jerry Willey

Bicycle Safety Week



PILOT AND CREW — For "Bicycle Safety Week," at least, Optimist Club president Ted B. Edwards (left) and event chairman Ron Hunsinger (r) join with Security Officer Dennis Crager in support of better bicycling. The young rider is Michael Brown of the fifth grade at Vieweg School. "Bicycle Safety Week" is an annual project sponsored by the Ridgecrest - China Lake Optimist Club in cooperation with local schools, PTA groups, police, and others interested in the safety of young bike riders. The event this year runs from April 3 through 8.

