



FOREIGN EXCHANGE student Gloria (Lola) Navas-Montero of Costa Rica, gratefully accepts \$95 check on behalf of American Field Service from Cecil Daley, president of the Cactus Squares, at the highly-successful benefit dance given by the club last Saturday night.

'Rip Van Winkle' To Premiere at Murray School

The first of three premiere performances of "Rip Van Winkle," a musical comedy for children, will be staged this evening at 7 p.m. at Murray School Auditorium.

Two more performances will be given tomorrow, one a matinee at 2:30 and the other at 7 p.m.

The China Lake Elementary PTA is sponsoring the production of the Desert Music Theater recently organized under the direction of John Lawson.

The show has a cast of 16, including two children. Robert Pinney portrays the title role.

Tickets for all performances of the legendary show, a sure hit for youngsters as well as adults, are available at all schools, from PTA mothers, in front of the Commissary, or at the door. Admission is 50 cents per person.

SHOWBOAT

FRIDAY JAN. 15

'MURDER AHOY' (93 Min.) Margaret Rutherford, Lionel Jeffries 7 p.m.

(Mystery-Comedy) Agatha Christie story about Miss Marple, an amateur detective with abundant curiosity. This time she uproariously solves murders aboard a yacht. It's fun! (Adults, Youth, Mature Children.)

Shorts: "Football Hitties-'64" (18 Min.)

SATURDAY JAN. 16

MATINEE

'KELLY AND ME' (86 Min.) Van Johnson 1 p.m.

Shorts: "Ozark Lark" (7 Min.)

"Capt. Marvel No. 10" (17 Min.)

Evening

'FLIPPER' (92 Min.) Chuck Connors, Luke Holzapfel 7 p.m.

(Adventure in Color) Fun-filled story of a boy who makes a pet of a dolphin near his home in the Florida Keys. Lots of action highlights Flipper's amazing antics in the clear water. (Adults, Youth, Children.)

Shorts: "Caballero Droopy" (7 Min.)

"Smitten Kitten" (7 Min.)

SUNDAY-MONDAY JAN. 17-18

'THE HUSTLER' (135 Min.) Jackie Gleason, Paul Newman 7 p.m.

(Drama) The downbeat, but uniquely interesting story of a small time pool hustler who dreams of meeting "The Best of 'Em All." Minnesota Fats (Jackie Gleason)—and does! Here is another world, one of dogged existence not without its thrills. (Adult.)

TUESDAY-WEDNESDAY JAN. 19-20

'PAJAMA PARTY' (85 Min.) Tommy Kirk, Annette Funicello 7 p.m.

(Musical-Comedy in Color) The beach crowd entertains a young visiting Martian and become embroiled with a con man, a crooked Indian (Buster Keaton) and a motorcycle mob. Pretty girls, bouncy tunes and a pocketful of laughs to lighten the after-holidays. (Adults, Youth.)

Shorts: "Roamin' Roman" (7 Min.)

"Magical Lakeland" (17 Min.)

THURSDAY-FRIDAY JAN. 21-22

'WAR LOVER' (105 Min.) Steve McQueen, Robert Wagner 7 p.m.

(War-Drama) Highly interesting tale of a bomber-captain who seems to enjoy his risk-filled missions despite the displeasure of his crew. He almost breaks up his copilot's romance in his want for destruction. An insight to men in war. Loaded with action. (Adult.)



NUCLEAR NAVYMAN, Sterling J. Goin, ADJ3, takes oath of re-enlistment from VX-5 skipper, Cdr. Jack M. Manherz, following his selection for enrollment in Navy Nuclear Power Program. Ceremony was witnessed by Goin's wife, Patty. He'll report this month for nuclear power schooling.

'Birth of Mirth' On Stage Thursday

"The Birth of Mirth," a special program incorporating comedy from 200 B.C. to Charlie Chaplin, will be staged by Bakersfield College main campus students at Burroughs Auditorium next Thursday, Jan. 21.

Curtain time is 8:30 p.m. Tickets are \$1 for adults and 50 cents for children. Holders of student body cards at the Desert Division of the college will be admitted free.

The cast of 10 will perform two short plays, separated in time by 18 centuries. One is "The Haunted House," by Roman writer Plautus. The other is "The Three Cuckolds," author unknown.

CROSSWORD PUZZLE

Crossword puzzle grid with clues for Across and Down. Includes a small crossword puzzle and a larger one with a grid.

Form for submitting crossword puzzle solutions, including fields for 'From', 'TO', and 'PLACE STAMP HERE'.

Name Petroglyph Canyons National Landmark

Big and Little Petroglyph Canyons on the NOTS north range were designated National Historic Landmarks this week by the Department of the Interior.

The two canyons, entrenched in volcanic rock and containing 20,000 ancient petroglyphs of at least two cultural phases, are assured protection and preservation under the landmark status, according to the National Park Service.

Captain John I. Hardy, USN, Station Commander, announced that bronze plaques designating

Big and Little Petroglyph Canyons as National Historic Landmarks will be placed in the areas in the near future.

Since the canyons lie in a restricted military ordnance range 50 miles north of the China Lake community, the Station will permit the public to visit the sites only on nonfiring days, possibly on Saturdays and Sundays.

Geologist Dr. Roland von Huebner of the Research Department estimates the canyons were cut sometime during the last mil-

Two Full Pages of Historic Pictures On Pages 4 and 5

because they afforded shelter and water.

Herds of bighorn sheep, deer, and antelope found in the adjacent mountains were the most popular subjects for the primitive artists.

Petroglyphs found on the canyon walls are mainly of the pecked or chiseled type, varied and complex in nature, and are from good to excellent in preservation. They comprise one of the largest groupings in California and probably the most spec-

ular petroglyph area in the western United States.

In one 40-foot-square section of Little Petroglyph Canyon, 175 different designs and figures of the prehistoric rock carvings are clearly visible. Easily recognized among the fantastic array are drawings of bighorn sheep, mountain lions, lizards, snakes, and human figures.

The artists engraved most of their designs on the sunny side of the canyon walls because the shaded sides were covered with growths of lichen.

Capt. Hardy Tells NOTS' Impact on Kern Economy

Station Hospital Gets 'Outstanding' Rate from BuMed

An inspection rating of "Outstanding" has been awarded the Station Hospital following its evaluation by Captain W. R. Miller, Assistant Inspector General for the Bureau of Medicine.

The annual inspection was held here Jan. 5, at the request of the Bureau of Weapons in conjunction with its annual Comprehensive Survey.

The areas of patient care, administration and general condition of buildings and grounds prompted special praise for the local medical facility.

Captain Miller stated that the criteria of the Joint Commission on the Accreditation of Hospitals were utilized in the evaluation of the local unit. Noting that the Station Hospital had fulfilled these requirements, he commended Captain C. J. Honzik, (MC), the Senior Medical Officer here, for the achievement.

A "Well Done" has been extended to all personnel of the Medical Department by Capt. Honzik for their contributions in attaining the "Outstanding" mark.

Captain Miller was accompanied here by Captain Dorothy Monahan (NC), and Commander Leonard Burr (MSC).



Vol. XX, No. 2 Naval Ordnance Test Station, China Lake, California Fri., Jan. 15, 1965



DUAL HONORS were paid by NOTS at reception Wednesday evening for Capt. J. M. Weeks (center), Senior Inspector, BuWeps annual Comprehensive Survey, and members of his inspection team; and VADM Paul H. Ramsey, Commander, Air Force, U.S. Atlantic Fleet, who was here Wednesday for briefings with members of his staff. Capt. John I. Hardy, ComNOTS (left) chats with his guests. BuWeps Survey team departs today.

Supervisors of Four Counties Tour Station

Representatives from four counties — Los Angeles, San Bernardino, Kern and Inyo — were scheduled to tour Station facilities today as part of a quarterly development committee meeting behind held in Ridgecrest.

Included in the visiting group are Ross Dana, San Bernardino County 1st District Supervisor; Warren Dorn, Los Angeles County 5th District Supervisor; Jack Hopkins, Inyo County 4th District Supervisor, and John Holt, Kern County 2nd District Supervisor.

The delegation also includes businessmen from the respective areas represented by the supervisors. W. B. Stephens, Manager of the Desert Area for the Pacific Gas and Electric Co., and a member of the Four-County Development Committee, served as local coordinator for the visit here.

\$100 Million Budget Sets A 21-Year Record

Prospects for continued growth and economic prosperity — linked with the military mission that the Naval Ordnance Test Station fulfills today — was outlined Wednesday by Captain John I. Hardy before the annual Kern County Business Outlook Conference at Bakersfield.

Talking to business, civic and industrial leaders in Kern County, the NOTS Commander was one of 12 speakers to project the economic impact on Kern County anticipated by NOTS in 1965.

Notes Harmonious Relations

Recalling his earlier tour of duty as NOTS Experimental Officer in 1954 to 1957, Capt. Hardy noted the "great strides that have been made to develop harmonious relations between NOTS and the business and residential communities, especially here in Kern County."

As an example of this cooperation, he pointed to the current negotiations by which the Navy may sell to Kern County 106 acres of land to the city of Ridgecrest for recreational, educational or other public purposes.

Reporting on employment stability, he said, "as in the past three years, our total level is at 4,660 civilians and 1,450 officers and enlisted men. Of this number, 3,860 civilians and 1,225 officers and men work at China Lake, the balance located at Pasadena and Long Beach."

Highest Budget Ever

Increased responsibility for managing a larger portion of the Navy's research and development over the past 10 years and a proportionate increase in the annual budget at NOTS was pointed out by Capt. Hardy as an indicator of the Command's economic stability.

He noted that the Station's current budget is \$100 million, the highest ever allotted to NOTS in its 21-year history.

"We have been able to accomplish this increasingly larger program each year primarily by means of increased contractor services," he said, noting that some of the firms providing contractor services are now locating in the China Lake-Ridgecrest area.

TV Outage Jan. 18-19

There will be no transmission of television in the China Lake-Ridgecrest area between the hours of 7:30 a.m. and 4:30 p.m. on Monday and Tuesday, Jan. 18 and 19, due to work being accomplished on the relay station. Normal evening broadcast hours will not be interrupted, according to officials.

Impact On Kern Economy

(Continued from Page 1)

supplies, raw materials and repair parts.

"In addition, \$9.8 million which was spent in Kern County for goods, services and construction and \$37.4 million was paid to civilian and military employees at China Lake," Capt. Hardy reported.

Commenting on cost savings programs implemented by the Department of Defense in the past year, he said NOTS China Lake had identified and validated a savings of \$32,026,000 in 1964.

Emphasizes Weather Program

Capt. Hardy singled out the Station's cooperative weather modification program, being conducted jointly with the Department of Interior, Bureau of Reclamation, as one of special interest to Kern County.

"Our experiments will be conducted in the Kern River Basin using techniques and nucleating agents developed by NOTS."

He said the purpose of the project was to determine whether it is practicable to increase the water supply to drainage basins through cloud-seeding operations.

"I can assure you that a healthy research and development organization is in being at China Lake, contributing to the National Defense effort."

"I know the impact of this activity will continue to be an important factor contributing to the economic health of Kern County," he concluded.

Enroll Tomorrow For Basic Annual Rifle Training

Enrollment in the Annual Basic Rifle Marksmanship School begins tomorrow at 1:30 p.m. at the NOTS Security Police Pistol Range, where the school will be conducted.

The course, sponsored by the VFW Ship 4084 Junior Rifle Club, will continue for 10 weeks, with classes being held on Sunday afternoons.

Subjects in the instruction will include nomenclature, safety and range discipline, use of sling, sighting and aiming, proper positions, breath and trigger control, ballistics, etc.

Fee for the course is \$12.50 per student, or \$10 per student if two or more from the same family are enrolled. Acceptance will be on a first come, first served basis. Minors must have a parent's permission. All ammunition and targets, training aids, charts, etc., will be furnished by the school. Students must provide their own transportation, drinking water, pencils, and a box to sit on.

The NOTS Security Police Pistol Range is about four blocks west of Sandquist Road, in the kennels area.

Slate Open Season For Health Plans February 1-15

An Open Season in the Federal Employees Health Benefits Program is scheduled between February 1-15. Watch the Rocketeer for further details.



Sailor Of The Month

Cited for outstanding hospital service, Francis J. Kelly, HM1, has been awarded the title of "Sailor Of The Month."

Originally from the Bronx, New York, Kelly joined the Navy in Dec. 1941, and was discharged in Oct. 1947. However, he re-enlisted in Nov. 1950 and has been on active duty since. On March 1 this year he will be transferred to the Fleet Reserve, having completed 20 years service.

Kelly served on the USS Whetstone (LSD 27) during the evacuation of Inchon. He took part in the A-bomb test at Eniwetok in 1946. He is presently a Senior Hospitalman on San Clemente Island on independent duty.

Much decorated, Kelly holds the China Service Medal, Asiatic Pacific with 3 stars, American Theatre, WWII, United Nations Medal, Korea Service Medal with 2 stars, Korean Presidential Unit Citation, and the Good Conduct medal with 4 stars. Kelly and his wife, the former Ruth Sanford of Medford, Mass., plan to make their home in Imperial Beach, Calif. They have a son in the U.S. Army presently stationed at Ft. Devens, Mass.



DR. RUSSELL A. NIELSEN, Physicist (I), has been awarded a Quality Step Increase for the second consecutive year. D. A. Kunz, Head, Systems Operations Division, presides at the ceremonies. Nielsen, who serves as Department and Division Consultant, has been with NOTS for 13 years, during which time he has also received a Sustained Superior Performance Award and a Superior Accomplishment Award. South Pasadena residents, he and his wife, Lenore, have a son, Norman 23, who is attending Stanford University Graduate School.

PROMOTIONAL OPPORTUNITIES

To apply for vacancies contact Nancy Reardon, Pasadena Personnel Division, Extension 492. A current SF-58 must be submitted when applying. General Engineer, GS-11 or GS-12, PD 4P80009, Code P8023-Incumbent will be responsible for liaison with proofing and evaluation activities for Station torpedo programs. Frequent and long trips will be required. Technical experience with, and knowledge of, torpedoes, instrumentation systems, and shop techniques are essential. Technicians with such experience will be considered in the absence of suitable professional engineering candidates, and are invited to apply.

Jane's Says U.S. Tops Soviet in Space Data

LONDON — Jane's "All the World's Aircraft" praised the United States' space accomplishments Dec. 15 and said the Soviet space program appeared to be "going less smoothly than it did a few years ago." "In terms of quantity of scientific data acquired in space, America has probably been in the lead for some years," a commentary in the authoritative aviation guide stated.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Alley Kats in Lead

The Alley Kats led the NOTS Wednesday night bowling league going into the 16th week of competition with a won-lost record of 45.5 and 18.5 respectively. Second place was occupied by the Quiet Five (41-23), while the Jacks & Better held third place (35-29).

High scores in 15th week competition were as follows: team series, Jacks & Better, 3031; team game, Untouchables, 1033; men's series, Jack Kindred, 676; women's series, Jane Gaghagen, 611; men's game, Jim Alsop, 285; and women's game, Elaine Colson, 220.

Long Beach

Ships Hosting

The following ships will host general visiting in the Long Beach Area during the month of January from 1-4 p.m.: Jan. 16-17 — Destroyer USS Brinkley Bass (DD 887). Jan. 23-24 — Destroyer USS Eversole (DD 789). Jan. 30-31 — Destroyer USS Osborne (DD 846).

Capt. Lowe Speaks To Chamber Of Commerce



CAPT. G. H. LOWE will be a guest speaker at a luncheon today at the Huntington Sheraton Hotel. The luncheon meeting, entitled "Preview 1965," is a business outlook conference sponsored by the Pasadena Chamber of Commerce.

The topic of Capt. Lowe's speech will be "Industrial Forecast for 1965" and will cover the NOTS Pasadena contribution to the industrial economy in 1965, as well as the overall industrial complex for the San Gabriel Valley.

The latter part of the talk will reveal details of a survey made by both Captain Lowe and members of his staff of the expected volume of business and business expansion in the area, provided by 20 leading industrial firms.

Annual Credit Union Meeting

President Bill Derby announces the annual meeting of the NOTS Pasadena Employees Federal Credit Union which will be held next Tuesday, Jan. 19, at 12 noon in the Building 7 Large Conference Room.

All employees of NOTS Pasadena and Credit Union members may attend. Only Credit Union members are eligible to vote. Management has agreed to allow a one-hour lunch period on this occasion for those attending the meeting. Refreshments will be provided.

Topics of discussion are (1) declaration of the dividend rate, (2) the election of the Board of Directors and the Credit Committee members, and (3) reports on the past year's business.

Breech-Loader

The breech-loading cannon came into use between 1850 and 1870. Made of German steel, the cannons were particularly effective in the Franco-Prussian War.

Nineteenth Century Exhibit

"Main Street U.S.A." a traveling exhibit displayed in two specially designed railroad cars, will be open to the public at First St. and Long Beach Blvd. from Jan. 21-25.

The Long Beach Municipal Band will present a one-hour concert at the exhibit commencing at 10 a.m., Jan. 21. The exhibit will be open to the public as follows: 11 a.m. to 8 p.m., Jan. 21; 10 a.m. to 8 p.m., Jan. 22-23; 1 p.m. to 6 p.m. Jan. 24; and 10 a.m. to 3 p.m. Jan. 25.

Under the sponsorship of the Henry Ford Museum, the exhibit began a tour of the United States in 1960. It has visited about 35 major communities each year during its trip across the country to Long Beach and has been viewed by more than five million people.

On one side of the railroad cars housing the display is a street of early American shops. The atmosphere of the 19th century is maintained by planked and cobblestoned streets and 19th century store design and illumination. The windows of the shops are filled with typical merchandise of the 1800's.

Completely authentic, the hundreds of items displayed are all originals from the collections of the Henry Ford Museum.

In sharp contrast, directly opposite this display of the 19th century shops with their products of the 1800's, is a series of extremely modern exhibits depicting today's counterparts. These modern exhibits were made possible through the cooperation of some 30 leading American industrial organizations.



RECOGNITION was brought to the Guidance and Control Division, UOD, recently when A. J. Tickner, Division Head (second from left), awarded Quality Step Increases to (l-r) Prentice F. Bacon, David E. Faulkner, and Yoshiya Igarashi. Bacon, Assistant Division Head, has

been with NOTS since 1948. Faulkner, General Engineer concerned with design, development and testing, joined NOTS in 1955. Igarashi performs as Senior Physicist in the Acoustics of Targets Program, and has been with NOTS Pasadena since July 1953.



EATON RETIRES — Test Department's W. W. (Dunny) Eaton gets an assist from his wife, Evelyn, in cutting cake at retirement party. Eaton came to work at NOTS in January of 1945 under Dr. A. H. Bennett in the Research Department.

1965 Income Tax Guide Available

Washington (AFPS) — The 1965 edition of "Your Federal Income Tax" is now available as an additional guide for filing 1964 tax returns under new tax laws.

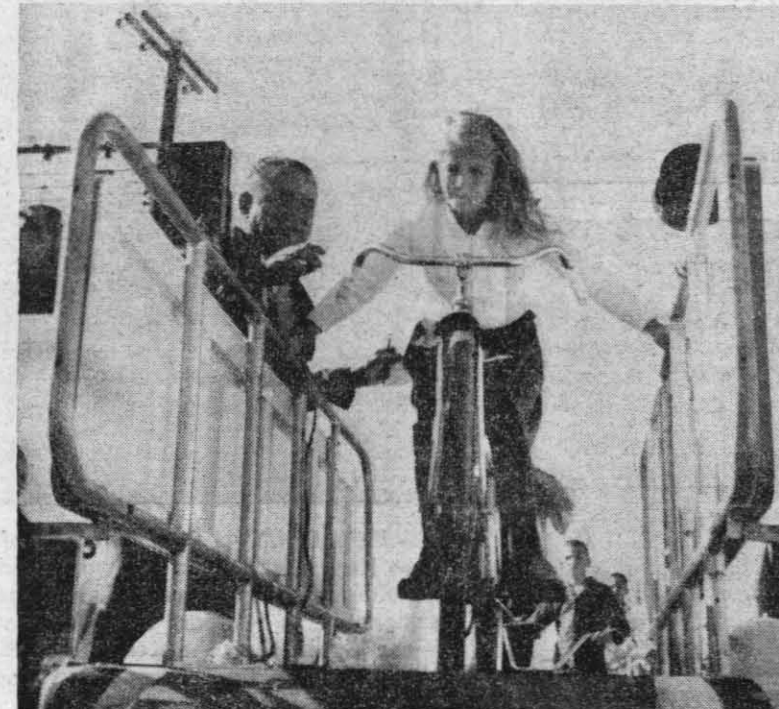
The booklet contains examples and illustrations, including the new filled-in Form 1040.

New tax rules are covered, explaining child-care deductions, travel expenses, and others.

Booklets cost 50 cents each and are available from the Superintendent of Documents, Department T, U.S. Government Printing Office, Washington, D.C. 20402.



DR. B. O. SERAPHIN of the Physics Division of the Research Department received two important awards in the past week. On Jan. 8 in Los Angeles District Court, Dr. Seraphin and his wife, Mrs. Margaretha Seraphin, were awarded their United States citizenship. Last Monday Dr. Seraphin was presented a Five Year Civil Service pin by Dr. G. J. Plain, Acting Head, Research Department.



SAFETY MINDED Elizabeth Now, 8, a pupil at Richmond Elementary School, was one of 700 young bike owners on the Station who this week submitted their vehicles to safety checks conducted by Automobile Club of Southern California. Operator checking safety factors on special trailer is Bill Brooks.

CalPoly Educator To Address Local Technical Writers

Dr. Carl C. Cummins, Dean of the Applied Arts Division at California State Polytechnic College, will be the principal speaker at the 7 p.m. dinner-meeting of the Sierra-Panamint Chapter of the Society of Technical Writers and Publishers to be held at the Officers Club on Wednesday, Jan. 20.

The CalPoly educator will be accompanied by four members of the school's faculty who will serve as panel moderators following the doctor's talk on "Educational Aspects of Technical Information Training."

They are Dr. J. M. Robbie, Head of the Technical Arts Dept.; Dr. Philip Gerber, Head of the English Department; Robert B. McKnight, Head of the Technical-Journalism Dept. and John Heinz, Head of the Audio-Visual Dept.

The group of educators will remain overnight at NOTS. On Thursday they will participate with members of the Station's Technical Information Department in a conference devoted to technical information problems as seen from both the training and utilization points of view.



ROUNDS OUT 20 YEARS — Engineering Dept. Head K. H. Booty presents Bernhardt A. Miller, right, a 20-year Federal Service pin. Miller began his Federal Service career with the Army in 1943, and his Civil Service career with the Bureau of Reclamation at Casper, Wyo., in 1948. He transferred to NOTS in 1951.

Aetna Agent Changes Visit to Jan. 28-29

Howard Keenan, Aetna Insurance representative, has changed his dates of visit to the Community Center to Thursday and Friday, Jan. 28-29, instead of those previously announced for Jan. 21-22.

Hospital Program Helps Prove Cervical Cancer Can Be Cured



"CANCER CAN BE CURED!" is the message offered by LCdr. J. M. O'Lane (MC), in speaking to group of local wives of CPOs. Navy physician is conducting educational campaign to induce service dependents to get cancer detection examinations at Station Hospital.

One of the brightest spots on the horizons of 1965 could be medical science's victory over cervical cancer, a lethal killer that until recently claimed the lives of up to 40,000 women annually.

Reporting here last week on advances being made, a Station Hospital official stated that the dread disease can now be cured.

Cure is based, however, on early detection and application of modern treatment techniques.

Help Dependents Here Under the direction of Captain C. J. Honsik (MC), the local hospital is conducting a long-range program of cancer detection in female dependents of China Lake military personnel.

Recognizing one of cancer's strongest allies—public apathy—as a primary obstacle to overcome, Lieutenant Commander John M. O'Lane (MC), has undertaken the task of "educating" potential cancer victims through talks to service wives.

Speaking last week to some 25

wives of Station CPOs, the Navy physician stated that victims of the disease now have an almost 100 percent chance for cure and full recovery, provided the cancer is detected in its earliest stage.

Painless Detection

One of the main elements in the success story medical science is helping write today is the development of the "Pap smear," a cancer-detection technique.

A quick, painless method of detection, it has completely revolutionized the management of cervical cancer by making it possible to detect very early lesions — before they have become symptomatic — or can even be seen with the naked eye.

Dr. O'Lane encourages at least annual "Pap smears" for all women of marriageable age.

"This method of detection and technique of treatment is truly a medical science breakthrough!" he reported.

Formerly attached to the U. S. Naval Hospital at San Diego, he

told of a 10-year case study he reviewed which included 150 patients in whom cervical cancer had been detected at a very early stage.

"Only one patient died. And, her cause of death was unrelated to the cancer."

In addition to his formal talks at group gatherings, Dr. O'Lane hopes to establish personal contact with every military family stationed here through direct mail, encouraging wives and marriageable age dependent females to participate in the clinic.

Routine Examinations

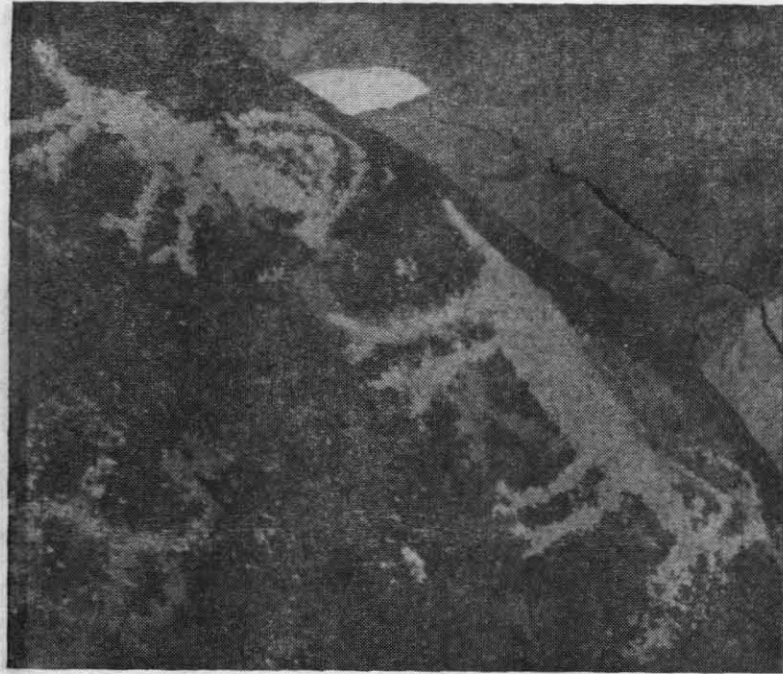
Patients undergoing routine physical examinations should also have a "Pap smear" taken, he noted.

Appointments for examinations may be obtained by calling the Station Hospital, Ext. 72911. A period of time during one day each week has been established for clinical examinations.

"This could be the best medicine taken in your lifetime!" he concluded.

National Landmark Status Given NOTS Big And Little Petroglyph Canyons

Park Service Finds Canyons of Exceptional Value in Commemorating United States History.

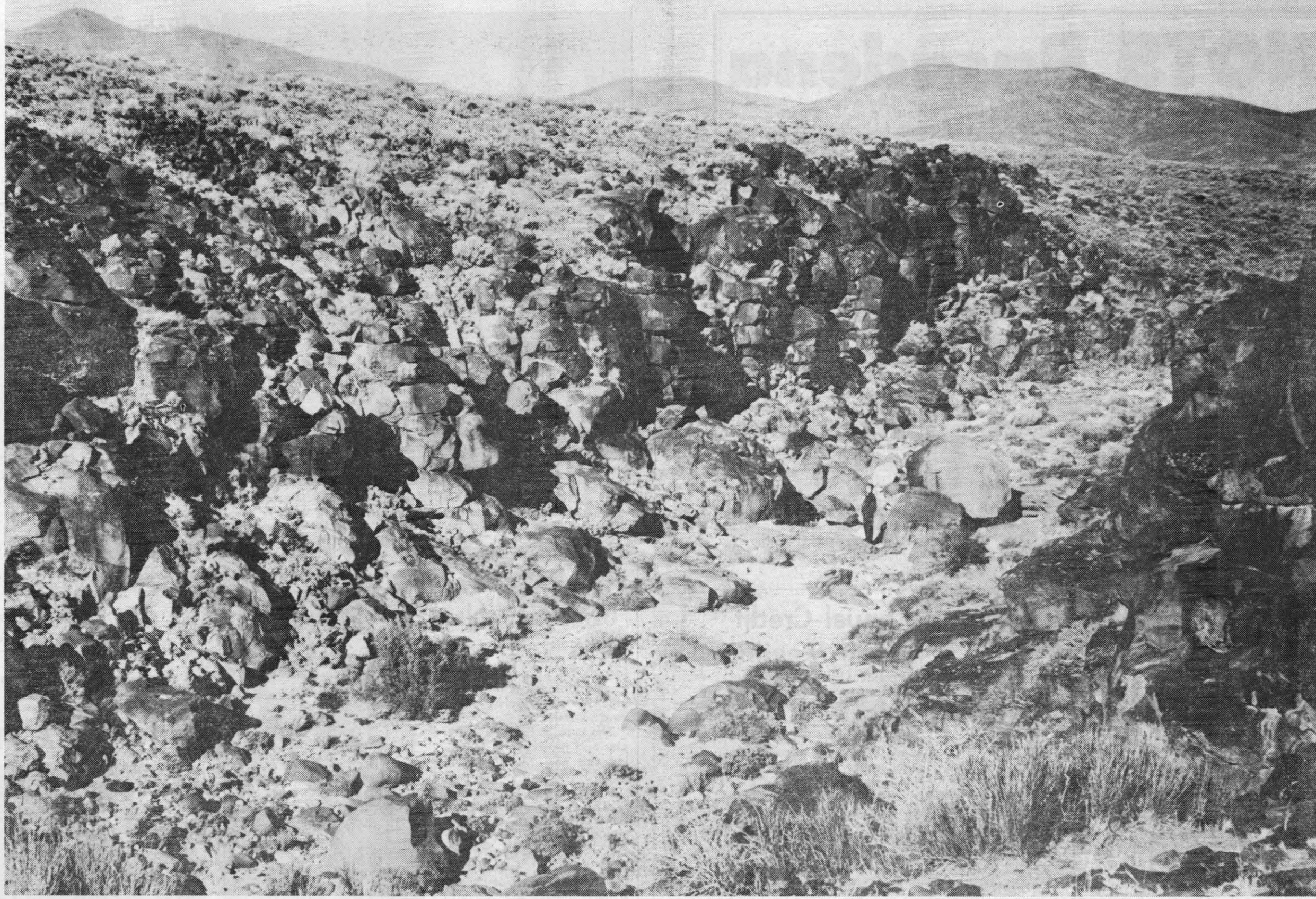


BIGHORN SHEEP, a popular subject of primitive artists, are chiseled on many volcanic rocks in Big Petroglyph Canyon.



THIS UNUSUAL GLYPH, being photographed by Tom Faught in Little Petroglyph Canyon, could be a drawing of a prehistoric serpent slithering over a rock, but cannot be identified with certainty.

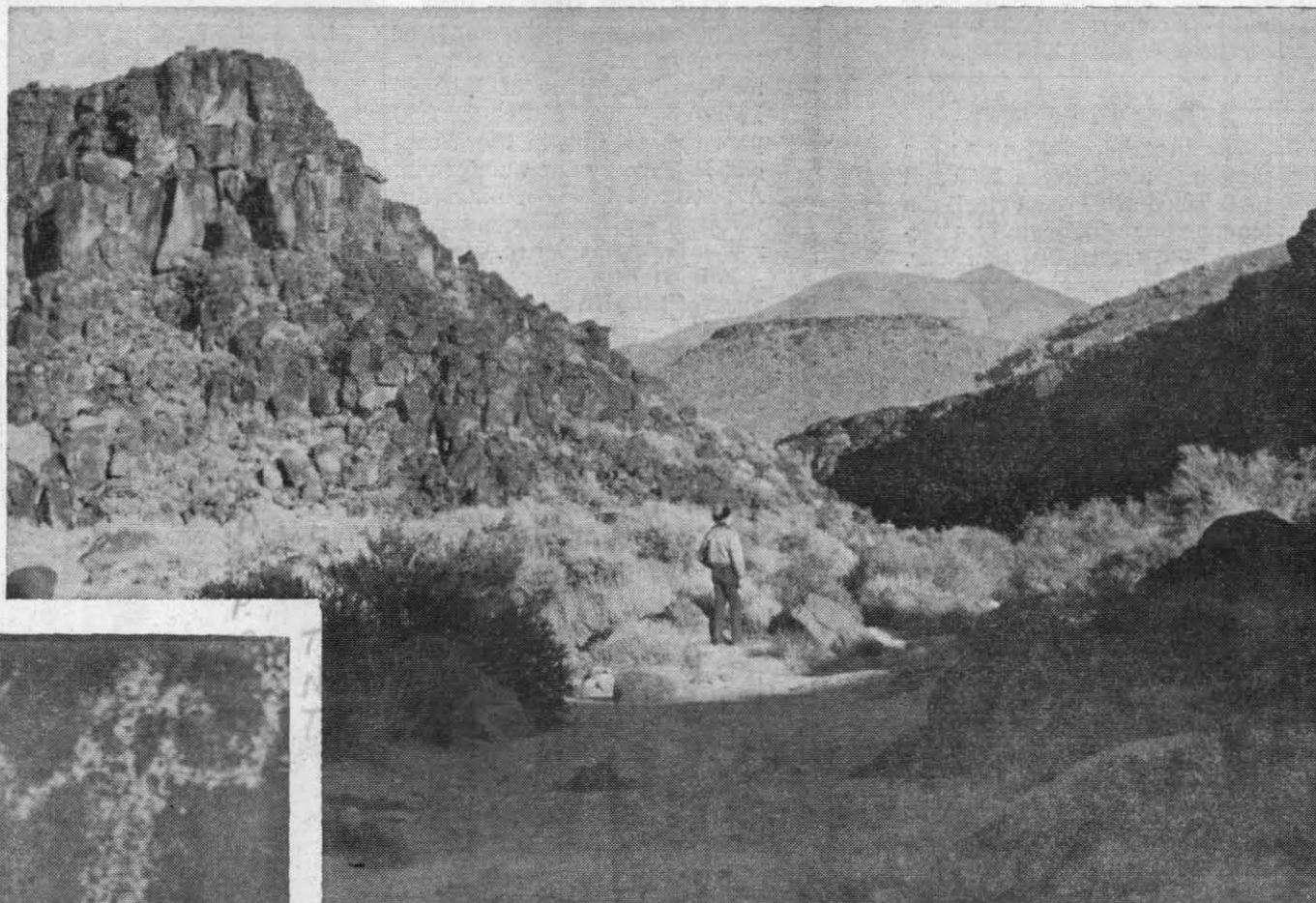
National Park Service estimates there are 20,000 petroglyphs in NOTS canyons. Most of them are of the pecked or chiseled type and are very well preserved.



IMPORTANT LINK WITH THE PAST is this petroglyph area of Renegade Canyon on the

NOTS north range 50 miles from China Lake. Thousands of carvings by aborigine tribes

are on the volcanic rock walls. The canyon was a natural camp site for Indians of area.

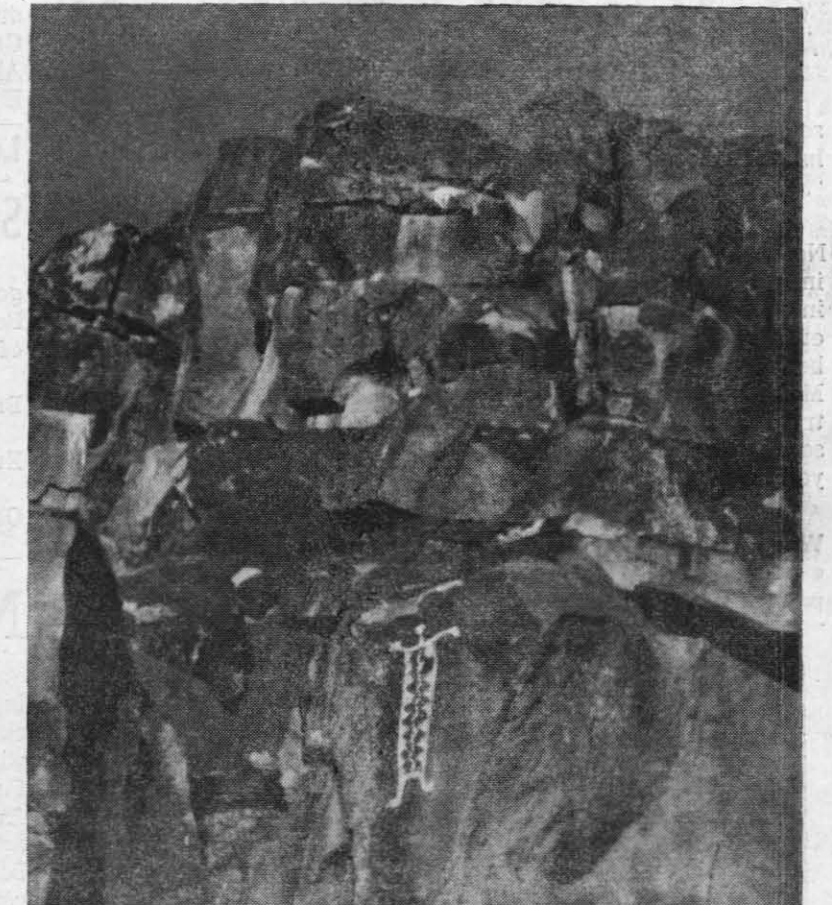


BIG PETROGLYPH CANYON, one of the main drainage areas of the upper Coso Range, is 9 miles in length, and was entrenched in volcanic rock during the last million years. The larger of the two petroglyph canyons, now designated as National Historic Landmarks, is the more rugged, but has fewer glyphs than the Renegade Canyon. At left are two excellent examples of human figure drawings found in Big Petroglyph Canyon.

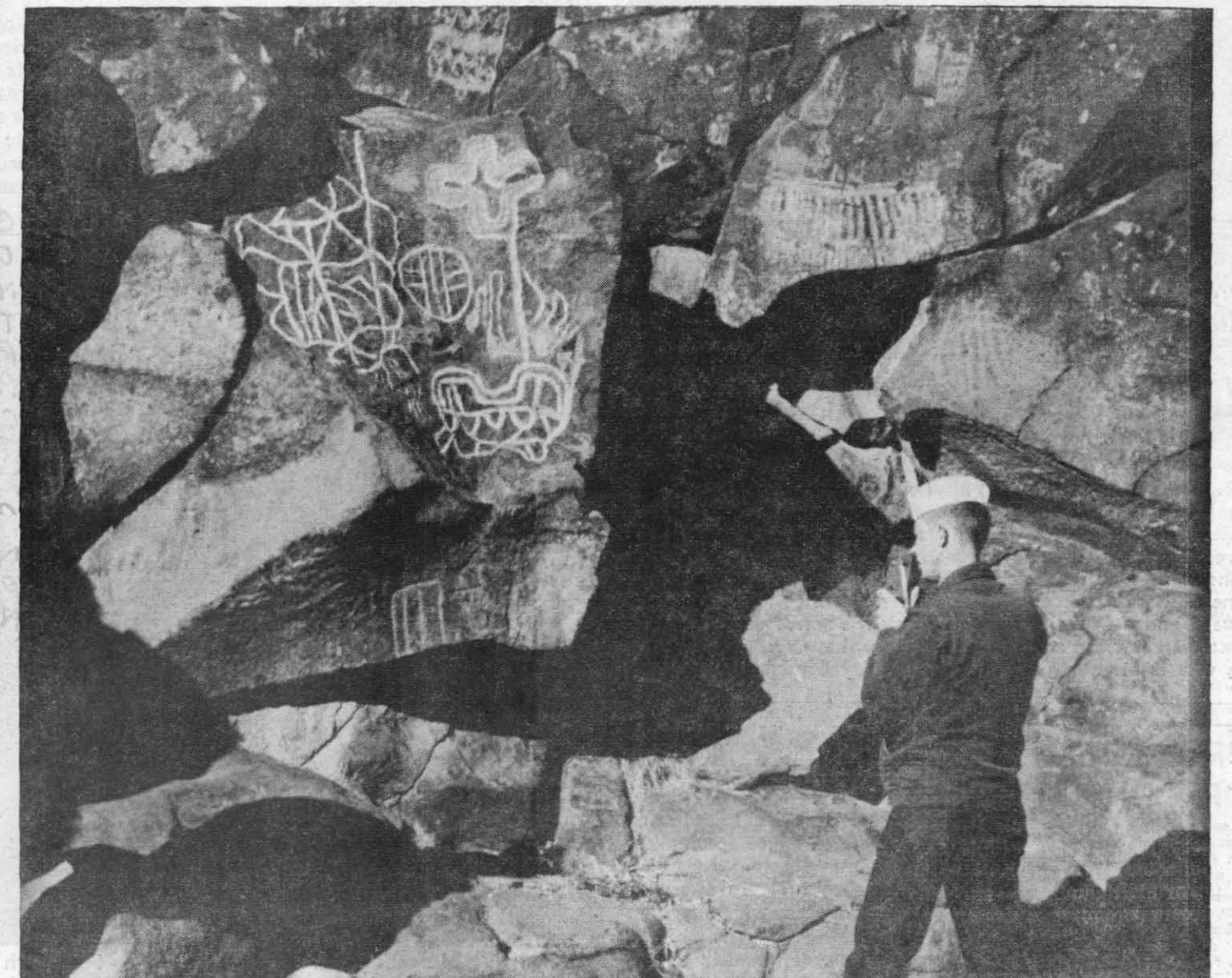
Photographs by Frederick L. Richards and Tom Faught, PH3

Ancient Rock Art Of Primitive Man To Be Preserved On North Range

Bronze Plaques Will Mark One of Largest Prehistoric Petroglyph Areas in the Western United States.



AMBITIOUS ARTIST climbed 60 feet above the floor of Big Petroglyph Canyon to engrave figure that resembles a woman in Katchina ceremonial robe. The figure is in lower center of photo.



GEOMETRIC PATTERNS AND GRIDS, chiseled in volcanic rocks of Little Petroglyph Canyon, catch the eye of Navy photographer Tom Faught. Researchers say glyphs are as-

sociated with game migration routes, watering places, and hunting blinds, but still hold the mystery of primitive man's motive. Was he communicating or drawing just for fun?