

CLOTA gets around lack of own theater with extra ingenuity

The planning and direction of a theatrical production can sometimes be—and often is—a difficult chore. This is particularly true when the organization doesn't have its own theater as is the case of the Community Lighter Opera and Theater Association (CLOTA), which uses the Burroughs High School lecture center.

One of the big difficulties in using the lecture center, however, is its availability for planning and preparing a production. This year the CLOTA board of directors, hoping to relieve some of the problems, approved the construction of a scale model of the Burroughs High School lecture center stage.

The model is built on a scale of 3/4 in. equals 1 ft. It is complete with curtains that can be moved, removed or adjusted for whatever production is being planned. In addition, there are many openings (front, rear and on top) that allow for ease of access in moving model props and sets.

This access will permit the director, technical director and everyone involved in a CLOTA production to visualize what will happen on stage during a production, before the actual sets are built, and the show moves into the lecture center.

COM slates Indian Night, curry cuisine on Tuesday

The Commissioned Officers' Mess will be celebrating Indian Night on Tuesday. The menu will feature a "new world exploration of curry cuisine." Dinner will be served at 6 and 8 p.m.

The dinner special on Thursday, Sept. 15, will be prime rib, which also is to be served at 6 and 8 p.m.

The COM will close at 1 p.m. next Friday, Sept. 16, in preparation for Mexican Independence Night which will feature Teddy Phillips and the Mexicali Brass. The evening's entertainment will start at 6 o'clock.



UFO EXPERT—Stanton T. Friedman, a space scientist who is devoting full time to the investigation of unidentified flying objects (UFOs), will present a lecture on the subject "Flying Saucers ARE Real" at the Cerro Coso Community College lecture hall tonight at 7:30.



SCALE MODEL OF BHS LECTURE CENTER STAGE — Ralph Vuono (above), technical director for the CLOTA production of "On a Clear Day You Can See Forever," built this scale model of the Burroughs High School lecture center stage.

Matrix jazz band to perform at Burroughs lecture center Sept. 15

Matrix, the surprise hit of the 1976 Monterey Jazz Festival, will perform at the Burroughs High School lecture center next Thursday, Sept. 15, through the auspices of the Cerro Coso Community College community services program.

Tickets for the show, which will begin at 8 p.m., are priced at \$2.50 for all seats and are available at the college business office, and, in Ridgecrest, at the Gift Mart, and the new Sports Etc., 1325 N. Norma St. They will also be on sale at the door on the evening of the performance.

At 2 p.m. on Sept. 15 the group will hold a free clinic for musicians of all ages at the Burroughs High lecture center. Matrix, composed of a teacher and eight of his former students at Lawrence University, Appleton, Wis., has conducted seminars for musicians at nearly every stop during several years on the road.

The nine-man band specializes in jazz with the "big band" sound. San Francisco Chronicle critic John Scarborough has called the group "one of the most exciting original, musically accomplished young jazz bands ever to play in the old Market Square emporium."

Matrix, the subject of a feature article in the June issue of "Down Beat," is booked by

Monthly showings of old movie classics to begin on Sept. 15

An addition to the regular motion picture fare will be started next Thursday, Sept. 15, at the Center theater, and be continued indefinitely — usually on the second Thursday of each month. As is customary, show time will be 7:30 p.m.

The first in a series of classic films to be presented will be a western action and adventure film; "Across the Wide Missouri," starring Clark Gable, Ricardo Montalban and John Hodiak.

Arrangements also have been made for showing such old favorites as "Babe Ruth Story," "Battle Cry," "Bend of the River," "Destination Tokyo," "Calamity Jane," "Halls of Montezuma," "Shane," "In Harm's Way," and "Music Man."

China Lake residents who have favorite old movies they would like to see brought back for a local showing are asked to contact Carol Hape by calling ext. 2259.



YOUNG PERFORMERS — Kimi Matsuda (at left) and Kara Kinley are shown performing levele cinquieme with port de bras during a class of the Ballet Arts Theatre, which is conducting registration for new students throughout September.

SHOWBOAT

MOVIE RATINGS The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children. (G) - ALL AGES ADMITTED General Audiences (PG) - ALL AGES ADMITTED Parental Guidance Suggested (R) - RESTRICTED Under 17 requires accompanying Parent or Adult Guardian CS - Cinemascope STD - Standard Movie Screen Regular starting time—7:30 p.m. Program subject to change without notice. For further information call NWC ext. 2259.

FRI. 9 SEPTEMBER

"WHAT CHANGED CHARLEY FARTHING?" (82 Min.) Doug McClure, Hayley Mills

(Comedy) McClure is featured as an American stranded on a Greek island. He meets an old conniving captain in need of a deck hand on board his dilapidated ship. McClure agrees to work for the captain only after meeting his beautiful daughter (Mills). McClure, who is unaware that the captain is transporting illegal firearms, soon becomes embroiled with anti-American revolutionaries. (PG)

SAT. 10 SEPTEMBER

"THE FARMER" (98 Min.) Gary Conway, Angel Tomkins

(Drama) A decorated World War II veteran (Conway) returns to his small Georgia farm and discovers his father has died. He tries to make a go of the farm despite a threatened foreclosure by the bank. After saving a gangster (Michael Dante) from a burning car, Conway gets involved with Dante's girl (Tomkins) and organized crime. Dante, who gets injured after stepping on some mobsters' toes, sends for Conway and offers him a sizable reward to dispose of the mob. Released March 1977 (R)

MON. 12 SEPTEMBER

"BREAKER, BREAKER" (85 Min.) Chuck Norris, George Murdock

(Drama) This action-packed film features the "citizen band" phenomenon that has gripped Americans from coast to coast. Interstate truckers become involved with rules. CB radios are effectively used by the truckers to bring the troublemakers to justice. (PG)

WED. 14 SEPTEMBER

"FREAKY FRIDAY" (98 Min.) Barbara Harris, Jodie Foster

(Comedy) This Disney comedy features a mother (Harris) and her daughter (Foster) as they exchange bodies and personalities for a day. As a result everything goes haywire during a hectic and wildly comic day which puzzles other family members, friends and neighbors. (G)

THURS. 15 SEPTEMBER

"ACROSS THE WIDE MISSOURI" (79 Min.) Clark Gable, Ricardo Montalban, John Hodiak

(Drama) This action-packed adventure is about the men who blazed the trail west from St. Louis.

FRI. 16 SEPTEMBER

"JOSHUA" (83 Min.) Fred Williamson, Calvin Bartlett

(Drama) After the Civil War, men were returning to their homelands in hope of starting a new and peaceful life only to find death and destruction awaiting them. This is the story of a man who killed in the war for the sake of "peace" only to come home and find the battlegrounds different, but the cause the same. Joshua sets out to track down the men who raided his home and killed his mother. Once he finds them he stays one mile behind tormenting and finally killing them one at a time. (PG)

SAT. 17 SEPTEMBER

"MY HUSBAND, HIS MISTRESS, AND I" (94 Min.) Jean Plate, Bibi Anderson

(Comedy) Edgar, a handsome man in his forties, leads a perfectly well-organized double life between his wife Blanche and his mistress. One day Blanche is telephoning her brother and suddenly another conversation comes on the line. She recognizes the voice of her husband talking to another woman. (R)

U.S. Government Printing Office: 1976—No. 1043

From: _____ PLACE STAMP HERE To: _____



Naval Weapons Center China Lake California

September 9, 1977

Vol. XXXII, No. 35

INSIDE . . .

- RIF Rules Explained 2
VX-5 Sailor of Month Chosen 3
Nat'l Hispanic Heritage Week 4
Helo Used on Rescue Mission 5
Sports 6
CHAMPUS Up-date 7
Jazz Band Program Slated 8



RAdm. William L. Harris, Jr.

RAdm. Harris to become next NWC skipper

A change of command ceremony, marking the transfer of duties as Commander of the Naval Weapons Center from Capt. Frederic H. M. Kinley to Rear Admiral William L. Harris, Jr., will be held at 8 a.m. Monday at the Administration Circle.

RAdm. Harris will be the 20th naval officer to serve as Commander of NWC (formerly the U.S. Naval Ordnance Test Station). Following the ceremony on Monday morning, Capt. Kinley will resume his former duties as Vice Commander, which he had held from December 1976 until he relieved RAdm. R. G. Freeman III on May 26.

The new NWC Commander enlisted in the Naval Reserve in November 1942 as a Naval Cadet in the V-5 program, entered the U.S. Naval Academy the following September, and was graduated (with a commission as an ensign) with the Class of 1947 on June 5, 1946.

He reports to China Lake from duties that he has held since last November as the Naval Air System Command's Assistant Commander for Test and Evaluation.

Among other recent assignments handled by RAdm. Harris have been those of

(Continued on Page 3)

Drilling work to determine geothermal energy potential of Coso Hot Springs area under way

A round-the-clock drilling operation, the purpose of which is to penetrate deep enough below the surface of the ground to determine what the possibilities are for utilizing the extreme underground heat in the Coso Hot Springs area as a source of geothermal energy, was started shortly before daylight last Friday (Sept. 2.)

Nearly 30 truckloads of drilling equipment arrived at around 9:30 a.m. on Thursday, Sept. 1, at the Coso geothermal site, which is located within the Naval Weapons Center's northern range area.

By 9:30 that night, a drilling rig with a 133 ft. tower had been erected by workmen for the Big O Drilling Co. of Bakersfield, and by daylight on Friday the initial phase of the complex drilling operation was under way.

Total Cost Nearly \$1 Million This project is being funded by the Energy Research and Development Administration's (ERDA's) Department of Geothermal Energy, and is being carried out by Nevada Operations Office of ERDA. The prime contractor is CER, Inc., of Las Vegas. The total cost is approximately \$1 million.

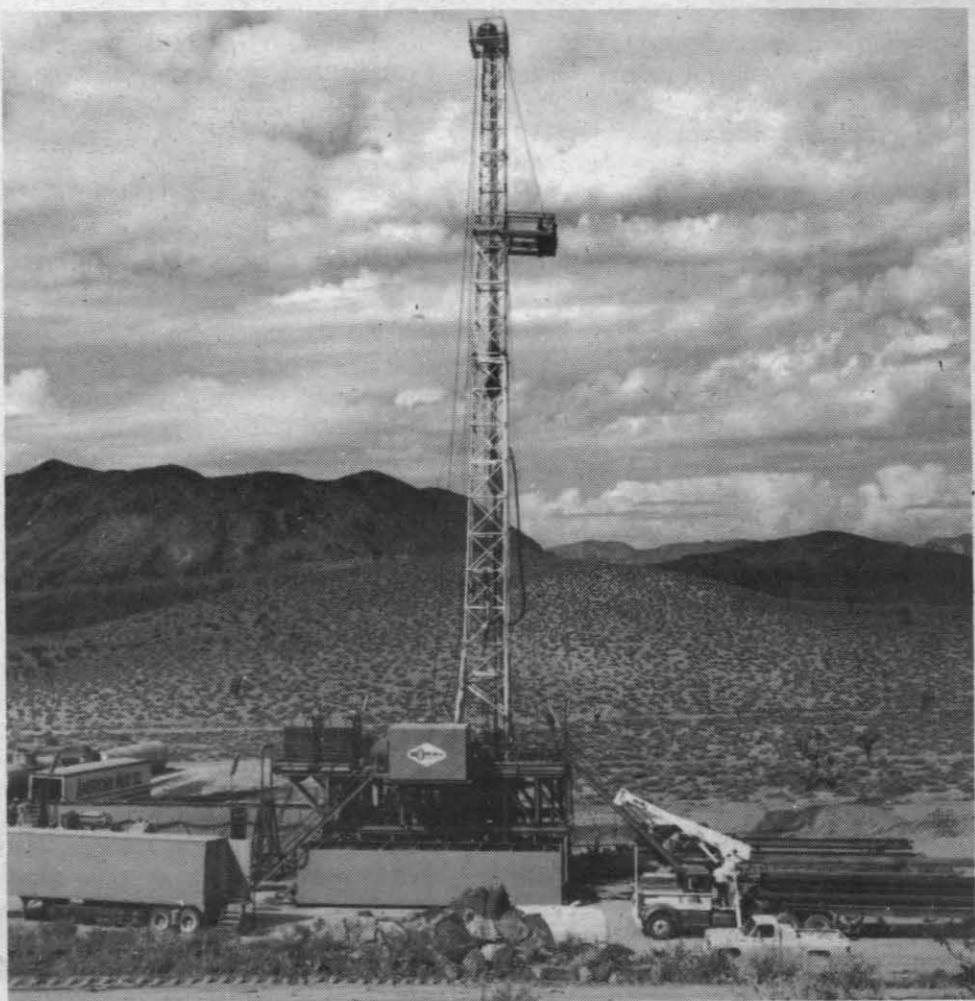
According to Dr. Carl Austin, head of the Geothermal Utilization Division in the NWC Public Works Department, this will be the first hole drilled through the caprock that covers an underground reservoir of unknown geothermal energy potential.

Previous slim-hole drilling work to a depth of 1,350 ft. in this area has shown a steady increase in temperatures, and the drilling cores recovered from this work have indicated a favorable sequence of hydrothermal alteration and mineral deposition, Dr. Austin said.

May Drill to 6,000 Ft. Depth At this time, plans call for drilling to a depth of 4,000 ft., with the option left open (depending upon what is found) to continue for another 2,000 ft. For the first 600 ft., a 1 7/8 in. bit is being used, and from 600 ft. to caprock depth at approximately 1,350 ft. the size of the drilling bit will be reduced to 1 1/2 in.

Beyond caprock until the final depth of the present drilling operation is reached in an estimated 30 days' time, a 8 3/4 in. bit is to be used.

(Continued on Page 3)



GIANT DRILLING RIG IN OPERATION — Old time miners who once crisscrossed the desert with their burro companions in search of gold or silver would rub their eyes in disbelief at the sight of this huge drilling rig that is being operated now in the Coso Hot Springs geothermal area. Equally as strange to the gold and silver seekers would be the purpose of this project — which is to determine the potential for utilizing the extreme underground heat as a source of geothermal energy. The drilling rig's 133 ft. high tower dwarfs a large truck loaded with casing for the drill hole, as well as the engines (on left side of platform) that supply the power for the drilling work. To the left of the drilling platform and tower are tanks which hold mud that is pumped down inside the drill pipe to cool the drilling bit and carry the cuttings back up around the outside of the drill pipe and out into a large sump. —Photo by Gene Edwards

Ordnance Systems Dept. employees receive Technical Director Award

Four members of the Ordnance Systems Department's Air Breathing Propulsion Branch were presented with the prestigious NWC Technical Director Award for outstanding technical accomplishment in a special ceremony here last Tuesday morning.

The honorees were Patrick H. Hall (program manager), Billy E. Waldon, Donald L. Waldron and Gary K. Fisher, who were recognized for their roles in the recently successful Generic Ordnance Ramjet Engine (GORJE) ground tests at the Air Force Marquardt Jet Laboratory (AFM/JL) facility in Van Nuys.

Presenting the awards in his office was R. M. Hillyer, acting Technical Director, who handed to each of the four men a \$160 check, a letter of commendation and an engraved paperweight with the inscription "Outstanding technical accomplishment in a successful ground tests of the Generic Ordnance Ramjet Engine."

In a letter recommending the men for the award, John J. Mahoney, head of the Air Breathing Propulsion Branch, said that the GORJE team's success represented work on the part of its members for "as much as 12 hours a day for six days a week with a singular devotion to duty. Through their efforts, a significant stride has been taken

toward the implementation of a low cost, high performance propulsion subsystem for future tactical missiles."

In the letter of appreciation presented to the team members, Hillyer noted that the award particularly recognized that phase of the GORJE program involving preparation and conduct of the ramjet system test at the Marquardt test facility.

Commitment to Job Appreciated

The Technical Director then added, "Your commitment to the program and the personal inconvenience which you experienced during the test phase is greatly appreciated. Your perseverance in the face of the difficulties encountered during the program leading up to the Van Nuys tests is gratefully acknowledged."

Designed as a general ordnance quality rocket ramjet engine concept which meets the cost, reliability and flexibility requirements of tactical missiles, GORJE offers a significant performance improvement over presently applied missile propulsion techniques.

The project's development, however, has been plagued by a series of problems related to the fuel management subsystem, booster, ramjet igniter, inlet/combustor interface, combustion-induced pressure (Continued on Page 3)



COMMENDED FOR EXCEPTIONAL EFFORT — R. M. Hillyer, NWC's acting Technical Director (at right) presents Technical Director Awards to the GORJE team members of Code 3246, beginning with Patrick H. Hall (project manager), while the other honorees look on. They are (l.-r.) Donald L. Waldron, Billy E. Waldon and Gary K. Fisher. —Photo by Ron Allen

