

Student Composer's Contest Offers \$2,000

Schleicher to Talk At Friendly House

A first prize of \$2,000 and nine additional awards totaling \$7,500 in all are offered in the fourth annual Student Composers Radio Awards contest. Sponsors of the competition are the Broadcast Music, Inc., and B.M.I. Canada Limited.

Established in 1951 by Broadcast Music, Inc., S.C.R.A. is open to students in accredited conservatories of music, universities, colleges and secondary schools, or of private teachers, in the U.S., its possessions and Canada.

All entries must be submitted before February 15, 1956, and the \$7,500 in prizes, which are to be applied for tuition and subsistence during further study, will be awarded prior to June 1, 1956, when national winners will be announced.

Official rules, entry blanks and further information about S.C.R.A. may be obtained by writing to Russell Sanjek, Director of S.C.R.A. Project, Broadcast Music, Inc., 589 Fifth Avenue, New York 17, New York.

Charles Schleicher, professor of political science, will speak at 8 p.m. Friday at Friendly house, 2445 Kincaid, on "The Multiple Revolution." Slides will be shown to illustrate the lecture.

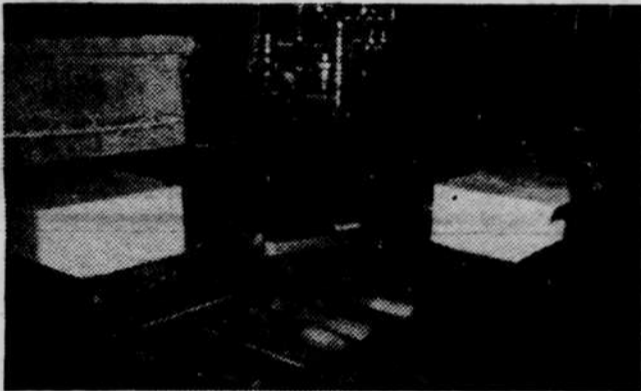
Clare Gard

Do you throw it away or make it pay?

"You've heard it said that necessity is the mother of invention?"

"Seems to me plain everyday American initiative is pretty inventive, too. Take the way Union Oil got into the dry ice business.

"Union, you know, supplies much of the natural gas used in Southern California. Well, some years back, we needed to increase the



DRY ICE ON THE WAY TO THE CUTTING MACHINE.

heating value of our gas as it came from the field.

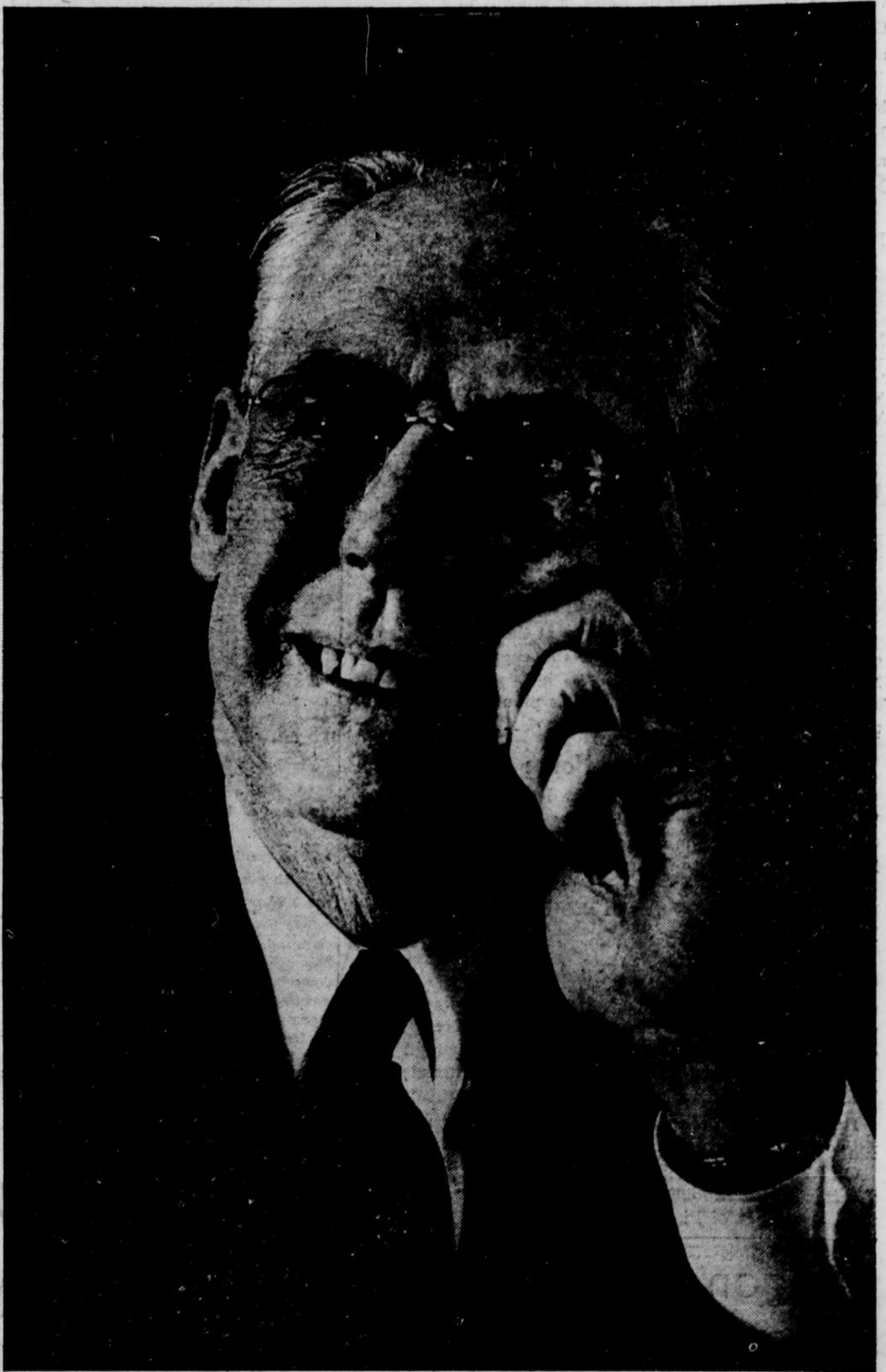
"We had a choice. We could enrich our product by adding other gases to it. Or we could accomplish the same thing by removing the CO₂, or carbon dioxide, from it. It was purely a matter of economics.

"We experimented removing the carbon dioxide with a process that had, till then, been used for quite a different purpose. It proved so effective it paid us to take out the carbon dioxide, even if we were to throw it away after we got it out of the gas.

"But that's the point. Instead of throwing the CO₂ away, we surveyed the dry ice industry, built an \$800,000 plant at Santa Maria,



THE PACKAGED DRY ICE READY FOR SHIPPING.



CLARE GARD, PROCESS ENGINEER—THIRTY-FIVE YEARS WITH THE UNION OIL COMPANY.

and converted our waste carbon dioxide into dry ice.

"That was 1948. Since then we've produced and sold over 102,000 tons of dry ice. And the plant's about paid for. See what I mean by American initiative?"

* * * *

Part of the initiative and inventiveness was Gard's, certainly. He was Process Engineer on the Santa Maria project.

A subsidiary company of ours has since built an ammonia plant which also makes dry ice. Union Oil is now the largest producer of this product west of the Mississippi.

So long as you and Gard and all of us continue to enjoy the encouragement and rewards of America's free competitive economy, this kind of inventive initiative will thrive.

YOUR COMMENTS ARE INVITED. Write: The President, Union Oil Company, Union Oil Bldg., Los Angeles 17, Calif.

Union Oil Company OF CALIFORNIA

MANUFACTURERS OF ROYAL TRITON, THE AMAZING PURPLE MOTOR OIL