

Phi Beta Plans To Initiate Ten

Phi Beta, national professional fraternity for women in music and speech, will initiate ten members May 5. They are Carlyn Compton, Donna Gumpert, Arden Jaeger, Karen Michelson, Cindy Stillman, Diane Doty, Jean Guske, Gail Monte, Gwen Samuelson, and DyAnne Schneider.

May 7 is the traditional candle-light ceremony in honor of gradu-

ating seniors in Pi chapter.

Recently elected to Phi Beta offices were Leola Lorenzen, president; Dorothy Gamblin, first vice president; Meride Broliar, secretary; Laurie Fischer, treasurer; Nan Wood, second vice president and Karen Woodward, historian.

The group is now making plans for a national Phi Beta army tour.

5 Candidates Air Views on KWAX

KWAX will rebroadcast the tape on the opinions of the five ASUO presidential candidates tonight from 9 to 9:45.

The candidates, Dick Allen, Harry Hanna, Donald Kalberer, Jim Lynch and Rob Roy expressed their views on issues raised in an Emerald editorial April 9 in the broadcast previously heard Monday night.

Macy to Lecture Thursday in SU

C. Ward Macy, economics department head, will speak on "Government Finance in Our Dynamic Economy" in a University lecture Thursday. The lecture is scheduled for 8 p.m. in the Student Union Ballroom.

Macy has been at the University since 1950. He was previously an economics professor and dean of the faculty at Coe College,

Ia. While here, he has served as a member of the advisory council acting as chairman for two years. He is now vice chairman of the faculty senate.

In the summer of 1955, Macy was appointed a Fulbright lecturer at the Conference on American Studies, Oxford University, England. He is a member of Phi Beta Kappa.

Harry Aggers

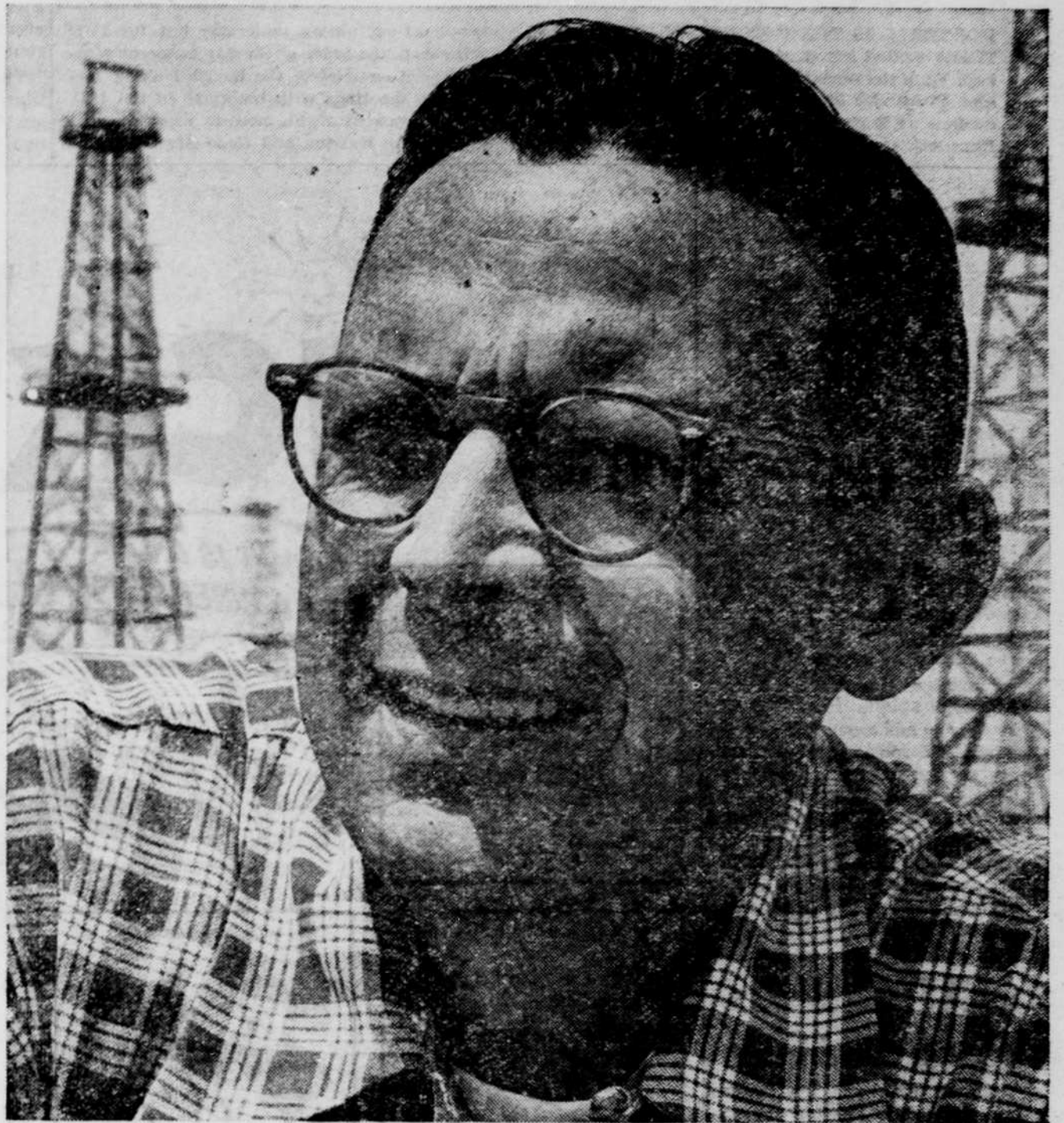
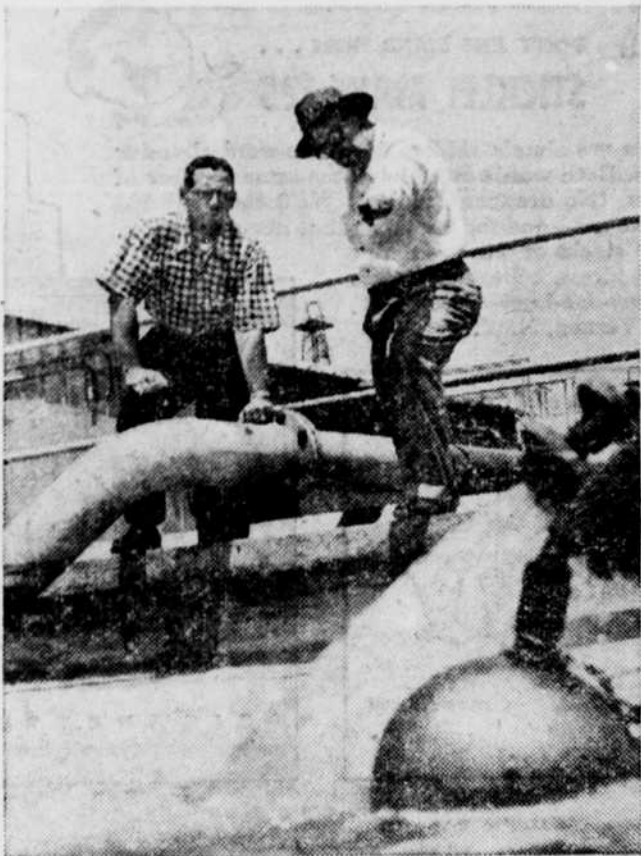
Or how to "strike oil" twice in the same place

"Some people believe that the more government has to say about business, the better. They argue, for instance, that the petroleum industry ought to be under more government control to keep America from running out of oil. What they forget is that it's just good business for oilmen to produce a property efficiently. We get more oil from a well when it is



operated at its best rate of flow. This is one of the ways of conserving this natural resource! Take Dominguez field in California. Union and another company discovered oil there back in 1923.

"By 1936 oil production reached a peak of almost 31,000 barrels a day. But by 1947 our daily rate had declined to about 15,000 barrels.



HARRY AGGERS: "IT'S JUST GOOD BUSINESS FOR US TO PRODUCE A FIELD EFFICIENTLY."

"To get the most out of the field, we started waterflooding some areas. In our most recent project—which was started with the cooperation of the landowners and the other companies operating the field—we injected more than 7,000,000 barrels of water into 17 wells. This has forced oil out of 21 producing wells.

"As a result, we are now pumping 2,800 barrels of crude every day from these wells—an increase of 2,200 barrels a day over what we'd normally expect without waterflooding.

"You show me how government control could have added one barrel of oil to our production. Or conserved the pool any better so we can recover more oil in the future with methods yet to be developed!"

Harry Aggers—who has been with Union Oil for 22 years—manages our secondary recovery operations.

He believes that by 1975, at least 25% of all United States oil production will be by waterflooding. This does not include secondary recovery by gas injection or by methods yet to be developed.

The Dominguez results demonstrate again how efficiently a free oil industry achieves maximum economic production from a field, while conserving the source of the oil.

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YOUR COMMENTS ARE INVITED: Write: The Chairman of the Board, Union Oil Company, Union Oil Building, 617 West 7th Street, Los Angeles 17, California

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