

# NEWS OF CLASSES

## CLASS OF 1916

**ROBERT N. ALLEN**, who has been in charge of constructing the 230 kv. transmission line from Boulder Dam to the Aqueduct Pumping Plants, reports that it is practically 100 percent complete.

**KENNETH RICH** is a teacher in Bakersfield High School and Junior College.

## CLASS OF 1918

**A. E. DAVISON** has been with the U.S.B.R. since 1933 in the electrical division as a checker on the designs of high voltage equipment for the Boulder Dam Power Plant. Just returned from Midway Island, where he served as a reserve deck officer aboard the destroyer U.S.S. Long, during the annual fleet maneuvers.

## CLASS OF 1920

**GEORGE SUMAN** is superintendent of the San Joaquin Valley area for the Associated Oil Company.

## CLASS OF 1922

**HOWARD VESPER** who is with the Standard Oil Company of California has recently been transferred to their San Francisco office.

## CLASS OF 1924

**ED LAYTON** is with the sales department of the Lufkin Pump Company in Bakersfield.

## CLASS OF 1926

**HAROLD LORD** who is employed by the General Electric Company at Schnectady was granted on June 1, 1937, a patent on an Electric Valve Translating Circuit.

## CLASS OF 1927

**ARCHIE KING** was a visitor to our rapidly growing campus during the summer. He hails from far off New York.

**JAMES BOYD** is Assistant Professor in Geology at the Colorado School of Mines. On the side he does consulting work in connection with mining properties. He is the proud father of a two and a half months old son.

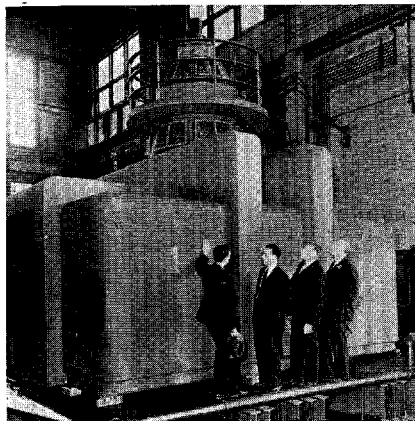
**F. M. NICKELL**, Ph.D. '31, is a geologist for the U.S.B.R. and recently returned to the Denver office from a year and a half spent investigating various dam sites on the Central Valley Project in California.

**EUGENE RIGGS** who writes the specifications for materials and equipment going into the huge pumping plants of the Colorado River Aqueduct, has just moved into a new home which he and his wife have built in Pasadena.

**AUBREY UPWARD** who has been in the insurance business in Bakersfield

for the past ten years is now secretary of the Bakersfield Alumni chapter.

**LEE RALSTON** is a teacher at Coalinga High School and Junior College.



*Al Capon '27, second from left examining 9,000 H.P. Motor*

**AL CAPON** has just returned to Los Angeles after six months spent in the East inspecting the huge motors being made by various manufacturers for the Colorado River Aqueduct Pumping Plants. After graduation, Al spent four years with the Westinghouse Electric and Manufacturing Company, and since 1931 has been a member of the Electrical Engineering Division of the Metropolitan Water District.

Progress on the Aqueduct has reached such a stage that at the present time some of the pumps and motors are being installed in the pumping plants.

**LAYTON STANTON** is a geologist for the Union Oil Company at Bakersfield where he has been for two and a half years. Layton is married and has two fine girls, ages two and four.

## CLASS OF 1928

**DR. GEORGE HARNESS** who is now an instructor at Columbia University, was a visitor to our campus during the summer.

**GUNNER GRAMATKY**, formerly with the U. S. Engineers, now has an excellent position in the Sales Division of the Consolidated Steel Company.

**EDWARD E. TUTTLE**, at present Secretary of the Alumni Association, is engaged in the general practice of law in Los Angeles. After graduating from law school, he joined the excellent firm of Farrand and Slosson, from which office he handles all types of law cases.

**ED JOUJON-ROCHE** is in charge of core drilling for the Shell Oil Company in the San Joaquin Valley. Ed is married and has a year old son, who is almost as big as his dad.

## CLASS OF 1929

**WADSWORTH EGMONT POHL** and Miss Nancy Jean Hoover were married at the Episcopal church in Redlands, California, on July 14th. Among the ushers were Eric Howse, '30, and Lee B. Prentice, '25. Mrs. Pohl studied at Scripps College and is a past president of the Junior Clubwomen of California. Wadsworth is assistant to the Plant Manager of the Technicolor plant in Hollywood.

**WILLIAM HENRY MOHR** was married on August 21, 1937, to Jean Marie Biscailuz daughter of Sheriff and Mrs. Eugene Biscailuz. Ted Coombs, '27 was best man and among the ushers were Kenneth Robinson, '28, and Robert Heilbron, '27.

Bill, as he was known to his classmates, is a civil engineer with the State Highway Department. During the past year Miss Biscailuz was president of the Spinners' Club of Santa Monica. The couple who have been neighbors in Santa Monica have known each other for some eight years. They expect to settle there when they return from a three weeks honeymoon spent at beautiful Lake Louise and Banff in western Canada.

**THOMAS H. EVANS** who is Professor of Mechanics at the University of Virginia spent his summer vacation working for the Griffith Construction Company on Conchas Dam in New Mexico.

**AL CRAMER** who is employed by the Southern California Gas Company was recently married to a San Bernardino girl.

**KARL GANNISLE** has built a new house near Annandale.

**FRED CLINE** was a visitor to the campus during the early part of the summer when he came on to attend his sisters wedding. Fred works in the Hydraulic Laboratory of the U.S.B.R. and is engaged in the design of various types of outlet works, spillways, canals, etc., through the use of scale models of these structures.

**TOM NOLAND** is in the Materials Testing and Control Division of the U.S.B.R. at Denver. His task is analyzing data from the testing laboratories and writing reports on the results of experiments. At the present time he is assisting in the editing of a manual for the control of concrete construction. He is still eluding the opposite sex.

## CLASS OF 1930

**ORRIN ELLIOTT** who is with the Sun Oil Company in Philadelphia, Pennsylvania, was a recent visitor to our campus. He and Mrs. Elliott made the

round trip by air. Elliott travels all over the East inspecting boilers and calls himself a "Boiler Doctor."

DEAN CARBERRY, M.S. '31, is an assistant engineer in the Denver office of the U.S.B.R. He is in the concrete dam design section and his work includes design studies, estimates, purchasing of materials and laying out of detail work. Most recently he has been engaged in the preparation of the specifications for the Grand Coulee high dam on the Columbia River.

D. P. BARNES, M.S. '30, reports that his family includes a wife, three boys and a woolly dog. His transfer from being in charge of the open channel model work of the Denver Laboratory of the Bureau of Reclamation to Resident Engineer on the Grand Coulee pump test at Cal Tech is expected to become effective the early part of September.

ED KOEHM has just been transferred to the Los Angeles office of the U. S. Engineers. It will be the first time his wife and two children have lived in California.

FRED SCOTT is resident engineer for union Oil Company on their contract with the Army to pave Hamilton Airfield. Fred will be away from San Pedro Research Laboratories for several months while completing this paving job in San Francisco.

### CLASS OF 1931

GLENN CHAMBERLAIN is now a junior engineer with the California State Bridge Department and is working in the office at Sacramento. Glenn reports that after years of bachelorhood he finally succumbed to those feminine wiles and last spring joined the ranks of married men.

WALTER DICKEY is now in Los Angeles after many months spent on the construction of Sun Valley Lodge, Idaho.

JEFF WINELAND is an associate engineer for the U.S.B.R. and is engaged in laying out and designing timber, concrete and steel bridges. Being in Denver, his summer recreation is mountain climbing with an occasional game of soft ball thrown in. After the first snowfall his prime interest in life becomes skiing. He is not married and is in no immediate danger.

OLIVER FOLSOM, ex '31, who has been an inspector at the Iron Mountain Pumping Plant, recently left the M.W.D. to join the Bureau of Reclamation on the construction of Parker Dam.

T. ROBERT WHITE has a teaching fellowship in Pathological Surgery under Dr. Geschetter at Johns Hopkins for the coming year.

LESTER FRICK, ex '31, is a prominent cotton farmer at Arvin.

JOHNNY McMILLAN is land man for Barnsdale Oil Company in the San Joaquin Valley. Married. Collie dog.

### CLASS OF 1932

BOB FREEMAN is the proud papa of a baby girl born last June. Bob is assistant Metallurgist with the Columbia Steel Company and lives in Torrance.

CLARK GOODMAN, after several years in the commercial world has returned to the academic life and is now studying for a doctor's degree in physics at the Massachusetts Institute of Technology. Incidentally, under the guidance of Dr. Robley D. Evans, he is doing important research work on the determination of the Geological Age of Rocks by radio-active methods. Clark's beautiful wife is a popular fashion model in nearby Boston.

FRED HAMLIN is with the California State Bridge Department. He is in that division which investigates bridges for which the State assumed responsibility when it took over some old county routes.

TETSUO IWASAKI, in California for the summer, will return to M. I. T. this fall to continue his studies towards an M. S. in electrical engineering. Power distribution is the particular branch in which he specializes.

BRUCE H. RULE is now an electrical engineer with the astrophysical observatory of the Institute. He was formerly a meter and test engineer with the Department of Light and Power of the City of Vernon, California.

BILL SCHULTZ is still with the Precooling Department of the Santa Fe Railway. Bill was married last June to Kathleen Zimmerman and they live in San Bernardino.

M. V. BARTON has charge of the mathematical studies in the gates and valves division of the Mechanical Engineering Department of the Bureau of Reclamation, Denver. His work includes stress analysis, derivation of design data, and research pertaining to large gates and valves. He received his M.S. degree in Civil Engineering from the University of Colorado this past June. He is to be an instructor in the Department of Machine Design at Cornell University during the coming year.

DR. J. H. A. BRAHTZ, Ph.D. '32, is Director of the Photo-elastic Laboratory of the U.S.B.R. at Denver. Under his direction difficult and unusual engineering problems that arise in the design of dams and related structures are solved by experimental and analytical methods based on the theory of elasticity.

Care of: Panair do Brasil  
Aeroporto Santos Dumont  
Rio de Janeiro, Brasil  
July 13, 1937

Treasurer, or something:  
Dear Sir:

Sorry to delay the enclosed check, but the business of being transferred to Rio de Janeiro rather upset the routine.

This particular alumnus is now engaged in settling down into a rut; it's a pretty big rut at that: Rio to Buenos Aires, Buenos Aires to Rio. Then to make it interesting, we alternate that with Rio to Para, Para to Rio. Am copilot on the Pan American Airways Clippers, flying this section of the South American run from Miami to Buenos Aires. It's quite a change from Physicist at Tech to airline pilot in Brasil, but there's rarely a dull moment, Uncle "Pan" sees to that. Pan Am has an involved program of training that we all have to go through before being checked out as first pilot. It takes about three years, requires the acquisition of Airplane and Engine Mechanic's Licenses, Second Class Radiotelegraph License, and the passing of two sets of examinations for advancement first to Junior Pilot, and second, to Senior (First) Pilot. The ex's are comparable in scope and length to semester finals, cover a variety of subjects such as General Engineering, Science and Mathematics, Aerial and Celestial Navigation, Radio Theory and Practice, Foreign Language, etc. And I thought I was through with exams when I left Tech!!

While I am only down here for about six months (due then for transfer to Alameda, Pacific run), would like to meet any Tech men that are down here or coming through. We stop at the following places: Buenos Aires, Montevideo, Porto Alegre, Santos, Rio de Janeiro (based here), Bahia de Todos os Santos (also called San Salvador), Recife (or Pernambuco), Para (or Belem), Camocim. Will appreciate your dropping me a line regarding any Tech people in this part of the world. Regards,

Brian Sparks.

### CLASS OF 1933

TOM TERRILL has just accepted a position as Apprentice Pilot with Pan American Airways. He left Pasadena September ninth for Brownsville, Texas, where he will take up his duties.

SAM JOHNSON has been in the Southland this summer having completed the first of a two years course in Business Administration at the Harvard School of Business.

ROBERT SMALLMAN spent his summer vacation in Los Angeles. He is with the General Electric Company in Schenectady.

FRANCIS HUNTER showed up in California this summer with his bride. "Fran" played a lot of football at Tech and after graduation went east to Princeton. After obtaining a Ph.D. at Princeton he took a position last spring at Rhode Island State College to teach Physiology.

BOB GROSSMAN is married and living in Visalia where he works for the Southern California Gas Company. Thinks the Valley a swell place to live, except when the mercury goes over 120°.

GROVER SECORD recently joined the engineering department of the J. G. Boswell Company located at Corcoran, California.

PAT HOGAN has been with the Goodyear Tire and Rubber Company since graduation.

ART MATHEWSON is sales manager for the Solar Aircraft Company in San Diego. Art is married but has no family as yet.

JOHN K. AYERS is at Denver helping make specification drawings of the high dam at Grand Coulee for the U.S.-B.R. Johnnie writes that he is still roaming around unattached but with intentions of getting married in 1940—lucky girl unknown.

CHARLES B. SPICER is a junior engineer for the U.S.B.R. in the Outlet Works section for earth dams, checking computations and drawings. Married but no added responsibilities.

F. B. BOWMAN, M.S. '33, is assistant engineer with the U. S. Bureau of Reclamation in Denver and is employed on the design of concrete structures for the All-American Canal. His family now includes two girls, ages respectively two and one-half years and two months.

W. S. LARSEN, M.S. '33, is assistant engineer with the U. S. Bureau of Reclamation in Denver. His work embodies investigation of design of diversion dam and desilting works for Dixie Project in Southern Utah, also the major design of 110 foot roller gates for the Yakima Project, Washington. His one and one-third year old son requires all of his available leisure time.

W. L. NEWMAYER, M.S. '33, associate engineer U. S. Bureau of Reclamation, Denver, is in the electrical division and his work includes design of power plant control and station service equipment, principally on Boulder Dam Power Plant.

### CLASS OF 1934

ROBERT P. SHARP who has been attending Harvard was recently awarded the Woodworth Fellowship. This is the highest honor given by that institution to a geologist.

JOE GRIMES who is employed on the Imperial Dam at Yuma was a recent visitor to the campus.

A. E. THOMPSON is working for the General Petroleum Oil Company in Vernon. Unmarried, lives at home and sports a new car.

### CLASS OF 1935

JAMES ALLMAN DAVIES who is with the Texas Oil Company in New York, spent his vacation in the Southland.

MAX FRANKLIN MILLIKAN, ex '35, Yale '36, son of Dr. and Mrs. Robert A. Millikan, was married to Miss Jeanne MacBeath Thomson of Pasadena in the gardens of his parents home in San Marino, on July 14th. Dr. Glenn Allen Millikan, recently returned from Trinity College, Cambridge, England, acted as one of his brother's ushers, as did the third brother, Dr. Clark Millikan of Caltech. Mrs. Millikan is a graduate of the University of California at Berkeley and until recently has been a technician in the Chemistry Department of Caltech. Max, who spent two of his undergraduate years at Caltech, plans to obtain his Ph.D. in Economics from Yale next year.

### CLASS OF 1936

VICTOR VEYSEY who is continuing his studies at the Harvard Business School has been spending his summer vacation back in good old California.

BOB ELLIOTT is now working for Eastern Airlines in Atlanta, Georgia. Bob played guard on the 1935 football team.

BILL HUMASON is living in Long Beach and helping to make soap at Proctor and Gamble's Long Beach plant.

LEO MILAN was married this summer and is now with the Associated Oil Company in Ventura, California.

PETER SERRELL is an Exchange Fellow to Germany. He is at the University of Berlin under Deutschen Akademischen Austauschdienst.

F. V. FRASER is working in the Denver office of the U.S.B.R. and at present is in the design studies division in connection with arch dams and bridges.

AL CREAL is located at Taft with the Southern California Gas Company.

LOYAL NELSON is a geologist for the Texas Oil Company at Bakersfield.

### CLASS OF 1937

HOYT AUSTIN has gone to Venezuela to work with the Mine Grand Oil Company which is a division of the Shell Oil Company.

FREMONT RADCLIFFE was recently married to Frances Parker in Yuma.

## MISCELLANEOUS NEWS

FRANCIS HETTINGER CLAUSER, Ph.D. in Aeronautics '37, and his twin brother, MILTON URE CLAUSER, also Ph.D. in Aeronautics '37, were married in a double wedding ceremony at the First Congregational Church in Pasadena on July 30th. The brides were Miss Catherine Helen McMillan and Miss Virginia Randall, both of Pasadena.

Dr. Theodore G. Soares, pastor of the Neighborhood Church and a member of the Caltech faculty, performed the marriage with a service which he arranged especially for the occasion. The ritual led up to the pronouncement which at the same time made each couple man and wife.

The brides wore identical gowns and veils and their flowers also were alike. To complete the double picture, each bridegroom had as his best man the brother of his bride. The ushers, Eugene G. Mattison and William Sears for Dr. Francis Clauser, and M. A. Biery with Leonard Eugene Root for Dr. Milton Clauser, Dr. Edwin McMillan and Ralph B. Randall stood at the altar as groomsmen.

The Clausers are associated with the Douglas Aircraft Company, and will take their brides to Santa Monica to live.

CHARLES SCHWIESO, JR., formerly Y.M.C.A. Secretary at Caltech, is shortly moving to Topeka, Kansas, where he will become General Secretary of the Y.M.C.A. for that region.

The Bakersfield Alumni Chapter held its first meeting on September 8, 1937. There was an excellent turnout for this meeting as there are quite a bunch of Tech men in the Valley region. Layton Stanton is president of this lively alumni group, and Aubrey Upward is secretary. Any Tech alumnus in this region, who has not attended an Alumni meeting and wishes to do so, should get in touch with Aubrey Upward, whose address is Kern County Land Building, Bakersfield.

On August 19th about ten fellows gathered for an informal Alumni dinner in Denver. They report that there are quite a lot of alumni in Denver but that they have no regular organization. However, they occasionally get together for a dinner. This particular meeting was to honor D. P. Barnes, M.S. '30, who leaves to take charge of the Grand Coulee pump tests at Caltech, M. V. Barton, '32, who shortly goes to Cornell to become instructor in machine design, and John K. Ayers, '33, who goes to California to work on the Central Valley Water Project.