



**WEST TEXAS  
DIVISION**

January 1955

**On Tour**

WITH UNION OIL COMPANY OF CALIFORNIA



# On Tour



Volume 17, Number 1  
JANUARY 1955

## In This Issue

- page 2  
**WEST TEXAS DIVISION**
- page 9  
**OUR AMERICAN COLOSSUS**
- page 10  
**ORGANIZATION CHANGES**
- page 12  
**CONGRATULATIONS**
- page 14  
**INDUSTRIAL SUMMARY**
- page 16  
**THE ORCUTT REFINERY**
- page 18  
**UNION OILERS**
- page 23  
**SERVICE BIRTHDAY AWARDS  
RETIREMENTS—IN MEMORIAM**
- page 24  
**WHAT GOES ON IN THERE?**

### THE COVER

Dwarfing Production Foreman Ed Chanslor and Division Superintendent J. S. McNulty, a large pumping unit brings oil from 10,000 feet beneath the red top soil of Statex Field in Terry County, West Texas. For an introduction to our West Texas Division, we refer you to accompanying report.

**"ON TOUR"**, pronounced "on tower," is an oil field expression meaning "on duty." Our magazine by that title is published monthly by Union Oil Company of California for the purposes (1) of keeping Union Oil people informed regarding their Company's operations and progress, and (2) of recognizing and encouraging the fine accomplishments of employee groups and individuals. We invite communications from our employee readers, whose thoughts, interests and opinions are carefully weighed in determining editorial policy. Address correspondence to ON TOUR, Union Oil Building, 617 West Seventh Street, Los Angeles 17, Calif.

T. D. Collett, Editor  
R. C. Hagen, Assistant Editor



New Office Building at Midland Reflects the Growth

## WEST TEXAS DIVISION

By Marguerite Fine and Helen Nichols

SINCE 1928, Texas has been the leading oil-producing state in the nation, in 1953 yielding over one billion barrels of crude or 43.4 per cent of the U. S. total. According to the Texas Railroad Commission, there are about 4,000 oil fields and 141,800 producing wells within the state's borders. Of these fields, 15 produced more than 10 million barrels each in 1953, while 184 produced over one million barrels each. Sixty-three of the best fields are expected to produce 100 million barrels each during their estimated lifetimes.

Significantly, this immense wealth of oil is widely distributed. Of the 254 counties in Texas, 186 contribute somewhat to oil production. East Texas Field,

which alone yields more than 100 million barrels a year is now the largest in the world. West Texas has the greatest natural oil pools. Central Texas has the greatest oil booms. The West Texas area has maintained its prominence as the leading producing area in Texas in terms of total production, yielding nearly 40 per cent of the nation's oil.

West Texas Indians, who were still and were by the superior

ON TOUR

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"Oil Capital of the Southwest" is the city of Midland, Texas, left, whose development from a "cow town" during the past 25 years is credited to the oil-rich Permian Basin.



Manager of Operations E. R. Atwill leads the West Texas Division, embracing area larger than state of California.

Union Oil is credited with the discovery of West Lake Trammell Field, Nolan County, where (below) a drilling rig works in mesquite bush-covered country on Cox No. 3.

Midland reflects the Growth of Our

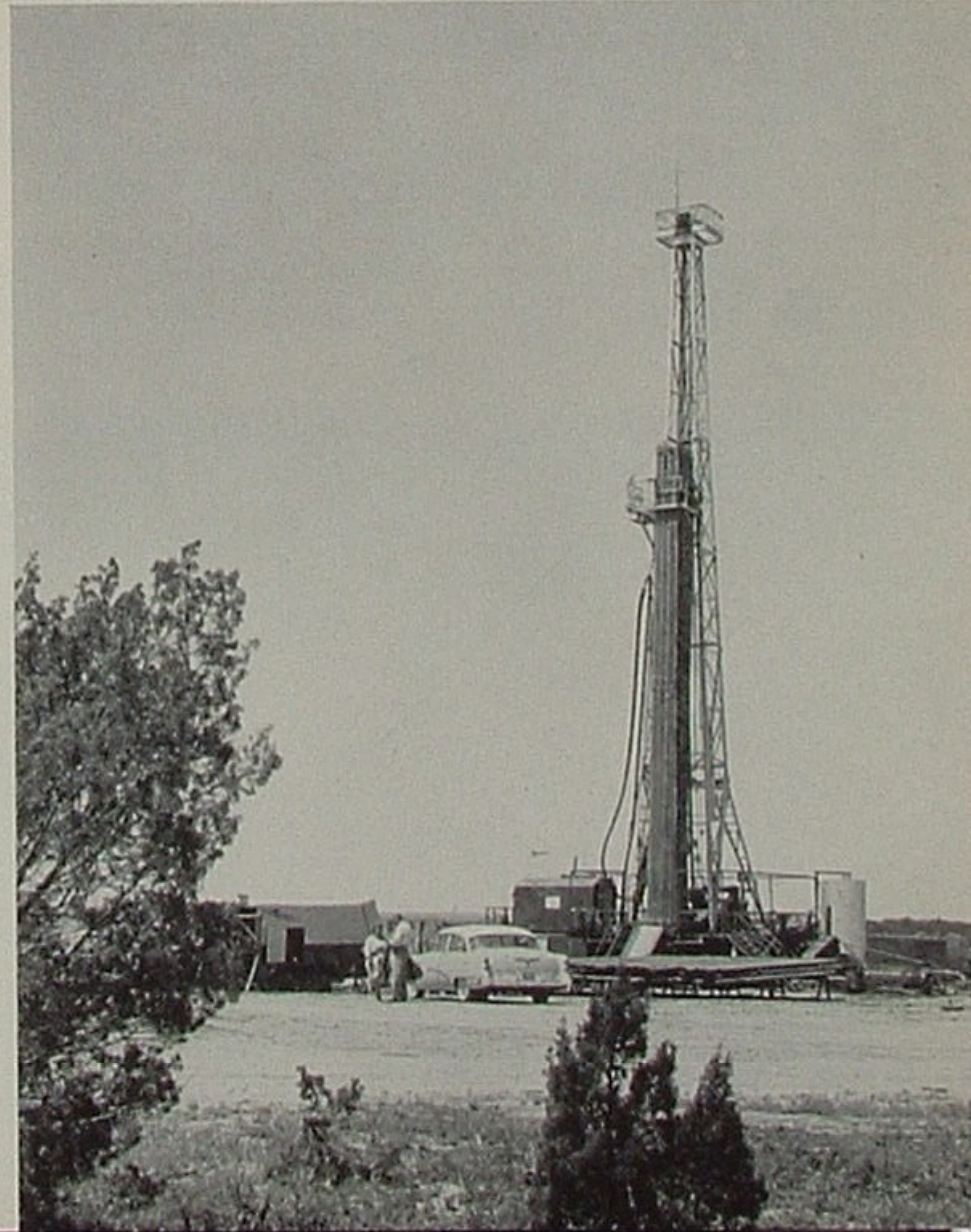
# AS DIVISION

which alone yields 90 million barrels of oil annually, is now the largest single oil field in the U.S. But in North Texas and the Panhandle are some of the world's greatest natural gas deposits in addition to good oil pools. Central Texas has known scores of important oil booms. The Upper Gulf Coast area, which began with the great Spindletop gusher of 1901, has maintained its prominence and is the second largest producing area in Texas today. But leading all other areas in terms of total production is West Texas, currently yielding nearly one-third of the state's or one-seventh of the nation's total oil wealth.

## WEST TEXAS

West Texas was the land of the fierce Comanche Indians, who fought early white intruders to a standstill and were finally forced to their reservations less by the superior strength of the settlers than by the

ON TOUR





Union Oilers active on field projects in the widespread West Texas Division include (above, from left) Reservoir



Engineer Jack Schrenkel, Geologists Frank Constant and Marvin Zoller, District Engineer Reed Albritton; Produc-



wasteful slaughter of great buffalo herds, on which these Indians depended for their necessities of life.

This is the land where, four centuries ago, the Spanish explorers Cabeza de Vaca and Coronado saw millions of Yucca plants projecting from the ground like stakes, and named the area "Llano Estacado" or "Staked Plains."

It was here that some of America's hardest pioneers built immense ranch empires for themselves and their families, becoming self-sufficient to the extent that many decreed their own codes of ethics and government. From these ranches in the 1860's, herds of picturesque Longhorn cattle began moving over a web of routes collectively known as the Chisholm Trail. Thousands were fattened on the green grasses "up North" and eventually *hoofed* their way the entire distance to Abilene. This trailing of the Longhorns reached its climax in 1870, when over a half-million head were driven out of Texas. Then came the railroads and the end of the Chisholm Trail.

West Texas gave its people lots of room for maximum freedom and self-development. As a result, some interesting characters were molded:

One of the men best remembered in fact and in fable was "Old Ben" Sublett, a prospector who practically

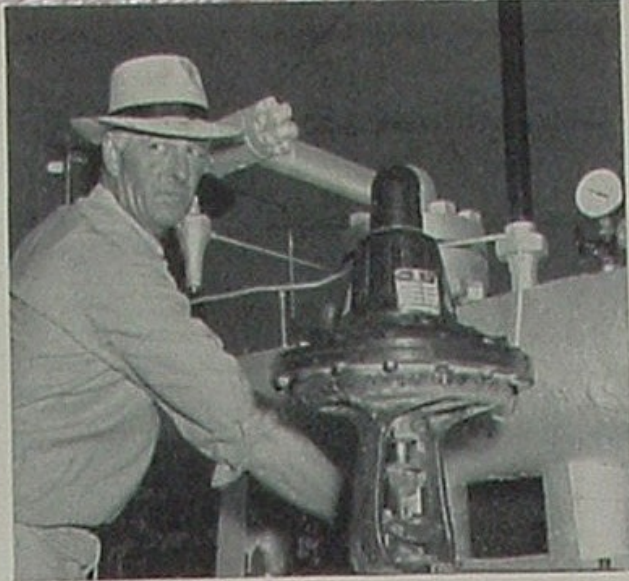
dedicated his life to finding a Spanish gold mine supposedly lost in 1680 when Indians killed or expelled every Spaniard in the vicinity. Sublett sought the mine for so long and in vain that he was reported to be crazy. But one day he rode out of the Guadalupe Mountains and into a saloon at Odessa, ordering drinks for everyone in the house. The barkeeper hesitated, so "Old Ben" tossed a pouch of dust and nuggets on the bar. The saloon crowd went wild. Thereafter, Sublett returned time after time from the mountains with all the gold he needed. But he died without disclosing the whereabouts of his mine to anyone who could ever find it.

Another famous West Texan was "Judge" Roy Bean, who, with indomitable spirit and two six-guns, established himself as the law between El Paso and the Pecos River. Stories, probably the truth exaggerated, of his brand of justice would fill a volume, but here is one:

Told of a workman who had fallen from a railroad trestle and been killed, Bean searched the victim's clothing, finding a revolver and \$41 in cash. "It's the duty of this court," he declared, "to confiscate this here concealed weapon (which is a damn good gun) because it's legally ag'inst the law to carry a gun, especially a dead man. And in view of the evidence, I find it the



Typical of Union's production facilities in Terry County is this heater-treater and tank battery on Stitt Lease.



tion Foreman Ed Chanslor; Pumper Don Bell; Geologists Coyle Singletary and J. J. De Benedetti; Contract Pumper

L. O. Kennedy; District Engineer R. W. Yarbrough and Production Foreman A. J. Williams.

court's duty to fine the offender 41 simoleons for carryin' concealed weapons. And that's my rulin'!"

Among modern West Texans, with fame rather than notoriety attached to their names, is T. S. Hogan, who came to Midland in 1925, when the place was a dusty cow town, and immediately predicted it would become the "Oil Capital of the Southwest." Following a \$3 million sale of prospective oil land to a French banker, Hogan backed up his prediction by erecting the Petroleum Building in Midland, a 12-story structure that dominates the prairie for miles around. Then came the stock market crash of 1929, depression, and a retrenchment of prospecting that cost Hogan his building and gave it the nickname of "Hogan's Folly." But when the delayed oil boom followed a short time later, oil men, for once in the history of such stampedes, conducted their programs from excellent Petroleum Building offices near the drilling sites. Midland's new community park is named for this visionary gentleman who, at 84, is residing in Los Angeles.

#### THE PERMIAN BASIN

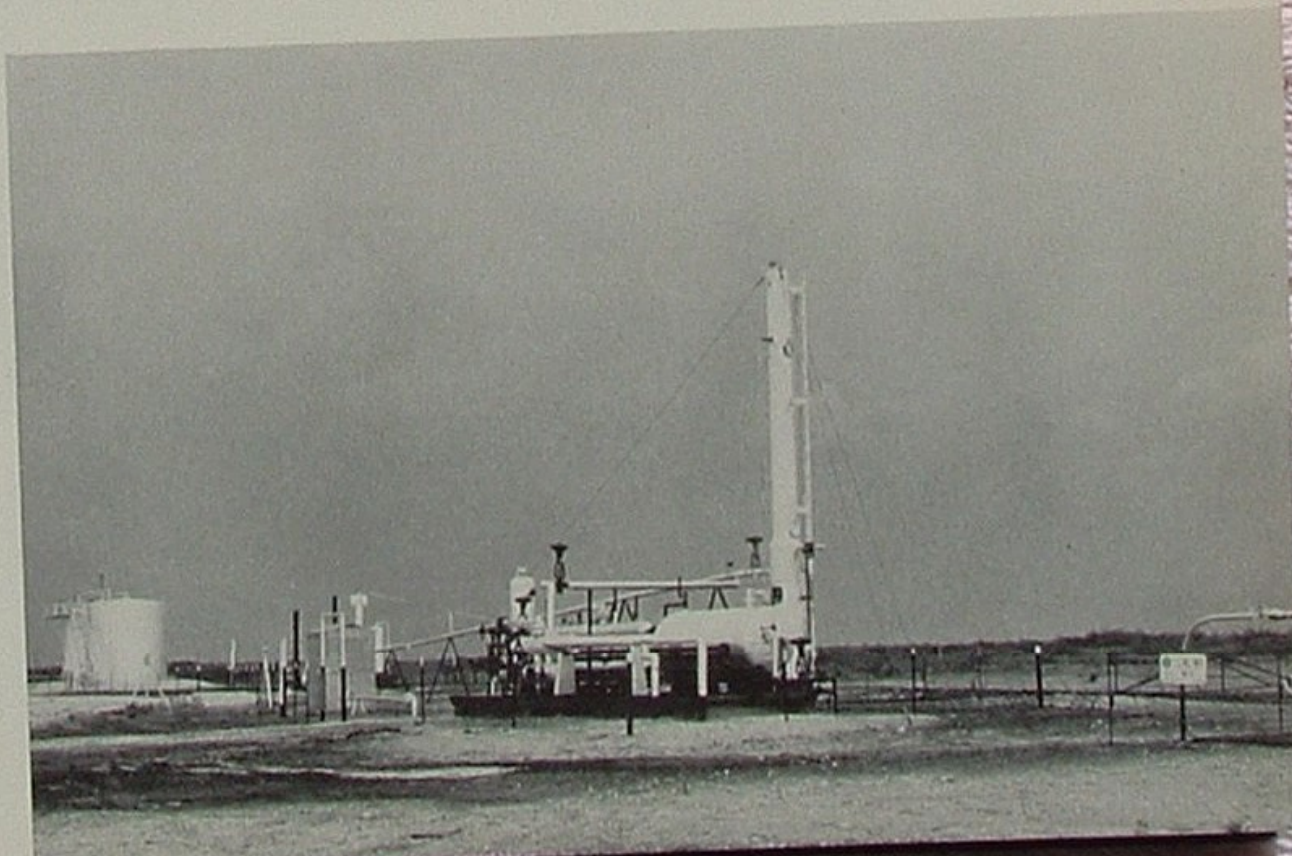
The Permian Basin, an ancient sea bottom including 55 counties in West Texas and four in Southeast New Mexico—an area larger than all of the New England

states combined—is the nation's third largest oil-producing province. It derives its name from the Permian system of rocks described and named a century ago in Perm, a province of Russia, and from the fact that the 200-million-year-old rock formation slopes quite uniformly from all sides to form a natural basin.

Although a well drilled in 1921 in the Westbrook pool of Mitchell County brought about the first oil discovery in the Permian Basin, it was only a mild indication of the success to come. Not until 1932, by which time 30 new fields were drilled in West Texas and 15 in New Mexico, did the Basin gain recognition as a major oil province with inestimable reserves. Since, there has been vigorous development, which might be labelled a *boom* save for the fact that modern oil booms are far more productive of petroleum than of hysteria. The Permian Basin has to date yielded approximately five billion barrels of crude, 80 per cent of it premium quality *sweet* oil and there is still ample prairie for development.

Like many other Texas statistics, some of the Permian well figures are gargantuan. Commemorative plaques on several of the Yates Field wells in Pecos County tell of an initial flow rate as high as 3,036 barrels per hour from a grass-roots depth of only 1,004 feet. One

Weltmer No. 2 is a Union Oil gas well in Gaines County. The natural gas is dehydrated here preparatory to shipping.





There are 100 employees in the West Texas Division. In Geological Group are (from left) Barbara Parkinson, Chief Geologist R. L. Clarke, Maxey Pinson, Marvin Zoller, Tom Culbertson, Marshall Mason, Jr. and Otis Allred.



In the Land Department are Manager E. S. Keefe (seated), Lawton Clark, W. M. Stanley, R. H. Nordhausen, Jane Gayle, Billie Sloan, H. M. Dyer, Grant Adkins, M. Brenne- man, Alice Adams, Margaret Dougherty, Thelma Watts.



Comprising our West Texas Exploitation Group are R. L. Parker, Coyle Singletary, Jr., Rosie Hart, Division Exploitation Geologist J. B. Jordan and Frank Constant.



Draftsman Joel Chappell, Scout Doug Dyess, Chief Scout Woodrow Beatty and Draftsman Frank McCormick contribute their specialized services to the Division's success.

Other Texans we are proud to introduce are (l-r) Pilot Ernie Tyson, Materials Expediter Louis Bevill, Flo Ander-

son, Secretary Marguerite Fine, Clerk Clelan Atchison, Engineer Charlie Pierce and Draftsman Guy Landrum.





In the Production Department are (seated) J. E. Pryor, Division Superintendent J. S. McNulty, W. D. Owens; (standing) Charles Dixon, Helen Nichols, Jack Schrenkel, Paul Wecker, Gloria Crites and J. G. McMillian, Jr.



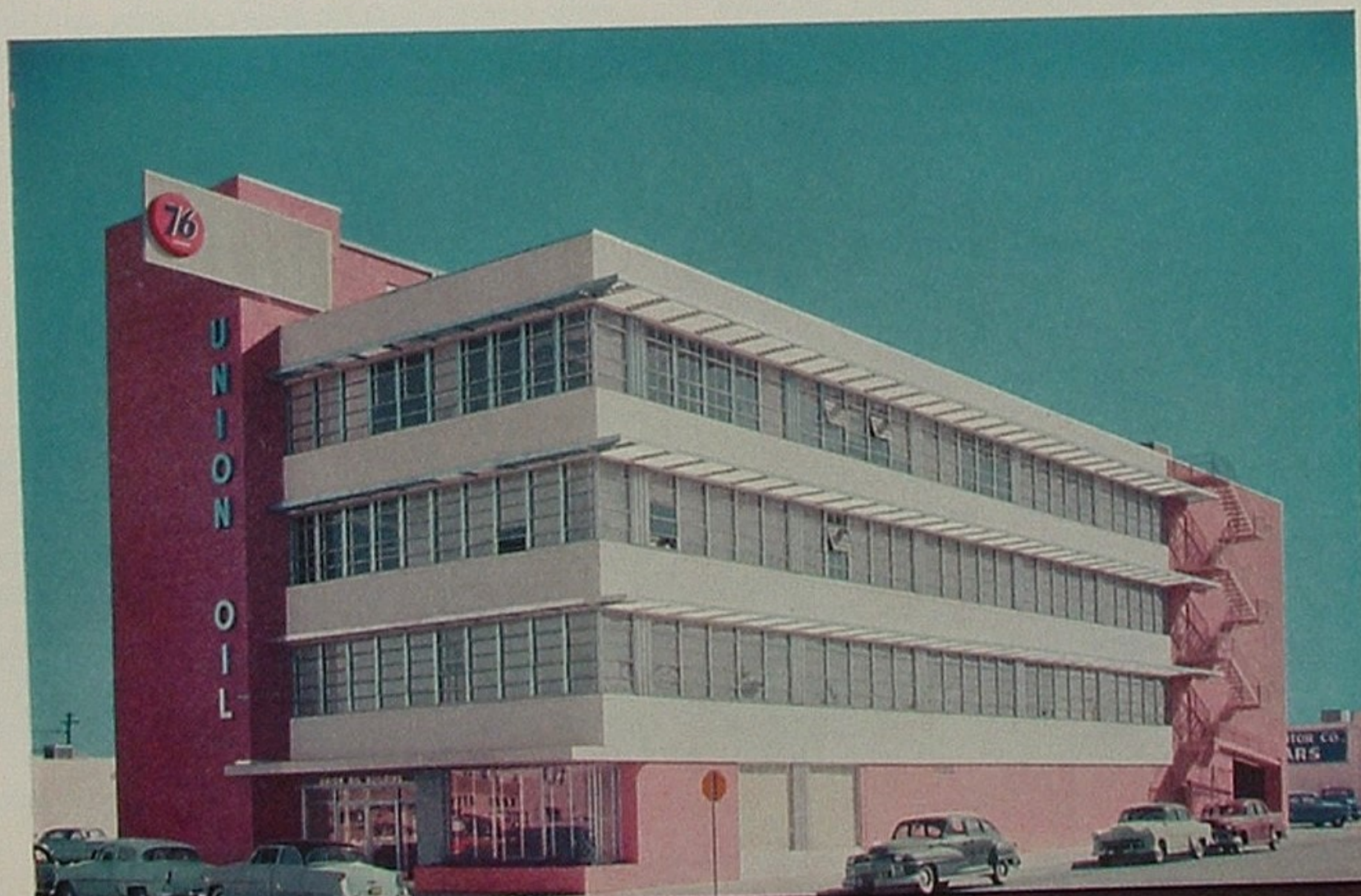
In the Accounting Group are (seated) Frances Yager, Division Accountant J. H. Euston, D. G. Andrews; (standing) Weldon Dawson, Hank Rogers, Elwood Hisey, Gordon McBride, Wells Williams, Sam Hoover and Bob Dozier.



The Union Oil Building in Midland, where most of our West Texas Division people are headquartered, was occupied in October, 1954. Pleased with two of the building's



reception rooms are (above, from left) Union Oilers Maggie Magruder, Anita Tindle, Jo Bennet, Mary Robbins; Carolyn Pearce, June Davis and Emma Lee Pearce.





District offices of the Division are staffed by (l-r), at Abilene, R. C. Colvin, David C. Archer, Jr., Jesse Mason, Ann Howard, B. P. Jackson, Ashton T. Perry, Jr., Wayne



Gill, D. C. George and (seated) Dorothy Jackson; at Roswell, Fred Peet, Mary Entrop, Edward Matchus, Gordon Saunders, Dave Dunn, Reggie Douglas, Jerry Salisbury.

well in this field produced 204,682 barrels daily from 1,070 feet. Another has a total production record of 10,800,000 barrels. Yates Field ranks second among Texas fields for cumulative production and ultimate recovery.

Other important fields of the Permian Basin, producing at depths varying from grass-roots to 15,000 feet, are McCamey, Hendricks, McElroy, Howard-Glasscock, Maljamar, Goldsmith, Monument, Wasson, Slaughter, Seminole, Fullerton, Drinkard, Dublin and Cass. When oil was discovered in the Canyon reef of Scurry County in 1948, a spectacular development and leasing campaign was set off, culminating in the Spraberry play. Development continues unabated.

#### UNION OIL STATUS

Union Oil Company's activity in the Permian Basin began in January, 1941 with the opening of a district office in Midland. This exploratory effort, controlled through the Texas-Gulf Division office in Houston, was led by Sam Grinsfelder, now the Company's Vice President in charge of Field Operations. A year after acquiring a 160-acre lease in the South Cowden Field our first producing well was completed in what is now called Union Field. It yielded only a few barrels a day, but this unostentatious beginning has developed into a much more impressive Division total of over 200,000 barrels a month.

Since 1941, Union has participated in the discovery of numerous major fields in the area. In 1945 we joined two other companies in the drilling of a discovery wildcat in the Dollarhide Field, Andrews County, presently one of the largest fields. From Los Nietos acreage purchased by Union in 1949, we have realized several new producing areas. Other important fields in which the Company has obtained oil and discovery credit include McCutchen and South Brownfield, 1950; West McCutchen and South Lake Trammell, 1951; Weltmer, 1952; West Lake Trammell, 1953; and South Roscoe, 1954. We have participated with others in the discovery also

of McCabe, White Ranch, Addis San Andres, Addis Wolfcamp, and a deep producing zone in South Cowden.

Growth of our exploration and production activities justified the formation in 1947 of our West Texas Division, now composed of four districts—Midland, Abilene, and the Panhandle Area in Texas and Roswell in New Mexico. Embracing 138 counties and measuring 500 miles from east to west and 500 miles from north to south, the Division is larger in area than the entire state of California. As a consequence, field employees spend a great deal of time in the *mechanized saddle* or have adopted aviation's seven-league boots to cover their assignments.

Contrary to the imaginings of many outsiders, the Division is not entirely semi-arid prairie of the type one encounters near Midland. The Roswell District, containing the Sacramento and Guadalupe Mountains, is a scenic area where in the higher altitudes many resorts prosper summer and winter. The Abilene District is a hill country with many lakes and fishing resorts. The Panhandle Area includes rugged and impressive Palo Duro Canyon, a state park often described as the "miniature Grand Canyon."

The climate is even more varied than the scenery, presenting many hot summer days but cool summer nights. Violent spring sandstorms often are accompanied by a "Norther," which can lower the temperature as much as 30 degrees within an hour. An average annual rainfall of 15 inches has not been realized during the past three years, causing a wholesale migration of the sheep and cattle industry; however, recent heavier rainfall is reviving the hardy native grasses.

Reflecting Union Oil's confidence in the future of West Texas, our new office building was completed in October at a cost of \$630,000. It contributes a most modern note to Midland's skyline and is a source of comfort and pride to some 100 employees of the West Texas Division, most of whom are introduced in accompanying pictures.



(Most statistics quoted in this editorial are credited to the research of Tax Foundation, Inc., Ed Lipscomb of the National Cotton Council and Walter Chamberlin, Jr.)



## OUR AMERICAN COLOSSUS

**Are we adequately aware of how big government has become in these United States?**

Listen:

Our government is so big that it now consumes nearly one-third of the entire national production. In other words, we-the-people will work from January 1 to May 1, 1955 producing exclusively for the government.

It is so big that federal acreage alone exceeds the nation's total of harvested cropland. There are more non-military government employees in America than there are men owning farms. Consumers pay over twice as much in taxes as farmers receive for their entire production.

It is so big that it now employs seven million workers, maintains armed forces of three million more, and last year issued checks to 30 million people. It has more life insurance in force than all private and mutual companies in America combined. It operates 100 types of business enterprises including box making, ice cream freezing, tire recapping and coffee roasting.

It is so complex that even our lawmakers cannot comprehend all that is taking place. If a congressman were to devote one working hour to each \$1 million of appropriations in the federal budget, he could not complete his study until the year 2000!

**Is our government prospering?**

Listen again:

Take all the yearly paychecks of all the 55 million non-government employees in the United States—add the wages of seven million civilian employees on government payrolls, plus the pay of three million in the armed forces—throw in extras like the social security payments by employers—and the huge \$209 billion total is still about \$70 billion less than the U.S. public debt on November 15, 1954. That's how well Uncle Sam is doing at present.

Who's Uncle Sam? Principally it's you, neighbor, along with the other active producers of this nation's goods. You and we owe the \$279 billion—an indebtedness that figures out to exactly \$1,729 for each man, woman and child in the United States. We're paying \$42.18 each in taxes just for the yearly interest on government I. O. U.'s.

What's worse, Uncle Sam still has to borrow to pay his bills. How? Largely by printing great stacks of crisp new currency and placing it in the markets in

buying competition with your earned income. The result, inflation! The more dollars bidding for an item, the higher it becomes.

The people who get hurt most by inflation are those who are living or planing to live on pensions, on savings, or insurance. For example, a man who put \$75 into an "E" bond in 1944 got back his scheduled \$100 in 1954. But the \$100 didn't even repay his original investment. His \$100 in 1954 bought only as much as 65 of his 1944 dollars. Instead of making money during the 10 years, he actually lost 13 cents on each dollar invested.

**Remember:**

The Egyptians, too indebted by borrowing from themselves to build the pyramids, ended too poor to arm themselves against capture by the Assyrians.

The Grecians, too indebted from building magnificent structures, had nothing left to defend themselves against the Romans.

The Romans borrowed from themselves to build beautiful temples, fountains and housing projects, and were left too poor to ward off the Barbarians.

Will it be said of the Americans that we borrowed from ourselves to build immense government dams, highways, public housing projects, civic centers—and wound up too poor to defend ourselves from the Communists?

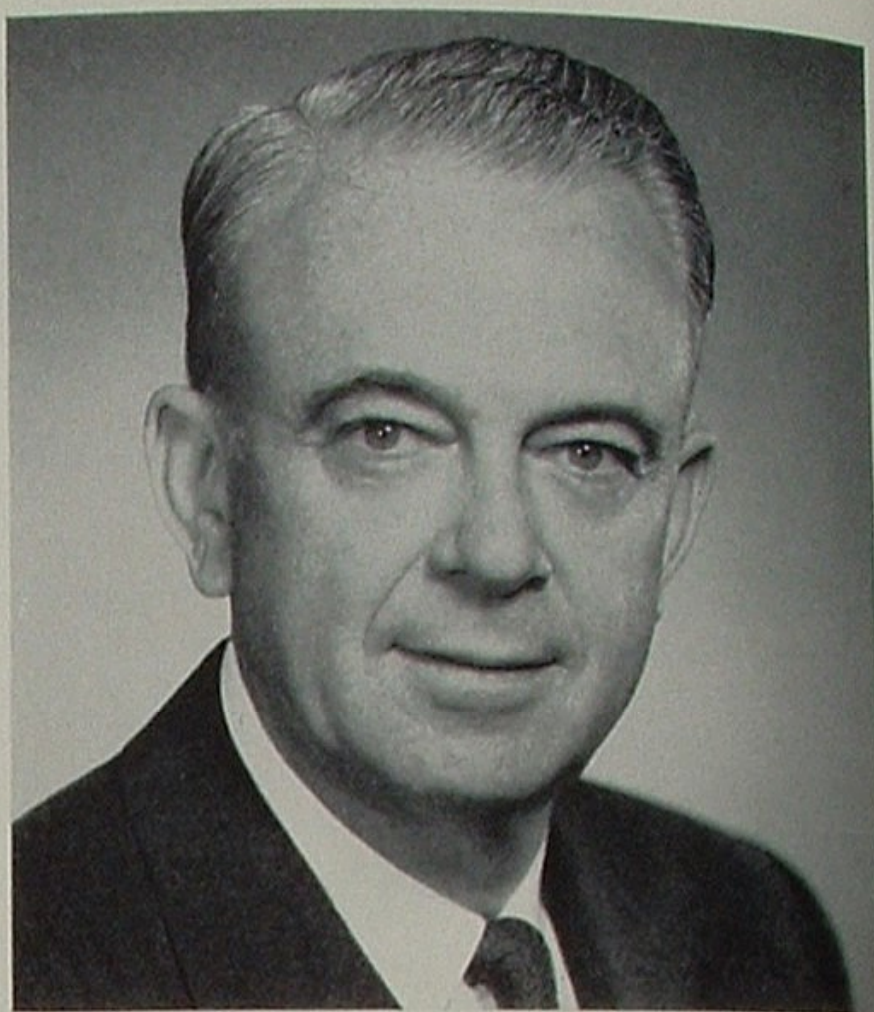
An entrenched government can be moved only by powerful public insistence. As great as any obstacle that faced the framers of our Constitution is our present problem of resisting any further steps down this road to national ruin.

A basic objective of this country's founders was to minimize the powers of government, thereby giving each individual citizen the greatest possible freedom and incentive to develop, in a lawful manner, his goods and his talents. Our leaders seem to have lost sight of *that objective*; and we are in grave danger of losing *that freedom* unless there is an immediate about-face from government bigness, government controls, government coddling and price supports, government borrowing, and from, above all, a perpetually rising government debt.

You and we are the "authors of liberty." Let's review our Constitutional rights and bear record of our indignation.

# Organization Changes

## AFFECT TOP MANAGEMENTS OF BREA CHEMICALS, INC. AND OUR MARKETING TERRITORIES



**J. W. Miller**  
Director and Executive Vice President  
Brea Chemicals, Inc.

It was announced by President Homer Reed on December 23, 1954 that the Board of Directors of Brea Chemicals, Inc., a Union Oil Company subsidiary, had elected J. W. Miller a director and executive vice president effective January 1, 1955. In accepting the appointment with Brea Chemicals, Mr. Miller relinquished his managership of Union Oil's Southwest Territory, a position he has held for the past 10 years.

Appointed to the vacancy occasioned by Mr. Miller's transfer is Manager Southwest Territory F. K. Cadwell, who came to the Los Angeles assignment following six years of similar management experience at Seattle and, most recently, San Francisco.

Replacing Mr. Cadwell as manager of Central Territory, San Francisco, is R. H. Rath who, previous to this promotion, was manager of Retail Sales, Northwest Territory, Seattle.

### **J. W. MILLER**

Born at Oakland, California on July 14, 1896, "Win" Miller obtained his formal education in schools of that area including the University of California at Berkeley. During World War I he served in the U.S. Quartermaster Corps, attaining the rank of Lieutenant. His busi-

ness experience prior to joining Union Oil Company in 1936 included grain and steamship enterprises in San Francisco, a vice-presidential post in the retail sales organization of Shell Oil Company, and oil distributorships in Utah and California. Joining our company as contractor representative at San Francisco in 1936, he was appointed agent at Oakland and assistant to the division manager in San Francisco during the same year; district sales manager, Oakland, in 1939; division manager, Los Angeles, in 1939; and manager Southwest Territory in 1945. He has given many years to community service through such organizations as the Community Chest, the American Red Cross, the Los Angeles Chamber of Commerce, and the Rotary Club of Los Angeles. With the latter organization, largest Rotary Club in the world, Mr. Miller served as president during 1953.

### **F. K. CADWELL**

"Kem" Cadwell began his successful career at Bellingham, Washington, where he was born January 23, 1906. Following a course in business administration at the University of Oregon, he sampled a variety of jobs including farming, logging, mining, sales work in a service station and a hardware store, and jobs with the



**F. K. Cadwell**  
Manager Southwest Territory  
Los Angeles



**Robert H. Rath**  
Manager Central Territory  
San Francisco

county and state highway departments in Oregon. However, he was still a young man of 23 when he joined Union Oil Company as a stock clerk at Portland. His subsequent assignments were, at Portland, equipment clerk in 1931; at Vancouver, Washington, district clerk and assistant agent in 1933, salesman in 1934, and resident manager in 1937; at Spokane, district representative in 1943, and assistant division manager in 1945; at Seattle, assistant division manager in 1946; at Tacoma, district sales manager in 1947; at Seattle, manager Northwest Territory in 1949; and at San Francisco, manager Central Territory in 1950.

#### **R. H. RATH**

"Bob" Rath was born July 17, 1915 in Honolulu, T. H. On completion of a business and economics course at the University of Hawaii, he found employment with our company as a drum and barrel clerk, Honolulu, in January, 1935. At this same location he subsequently moved along to order clerk, junior clerk and general clerk in 1936; assistant district accountant in 1940; assistant office manager in 1943; and plant superintendent in 1944. He was transferred to Alameda, California as resident manager in 1947, but was assigned to Honolulu six

months later as district sales manager. Later transfers brought him to San Francisco as manager of Retail Sales, Central Territory, in 1953, and to Seattle in a similar capacity for Northwest Territory in 1954. His most recent promotion to manager Central Territory, San Francisco, was effective January 1, 1955.

#### **OTHER CHANGES**

Several additional Marketing Department changes have been announced by W. I. Martin, manager Northwest Territory, and R. D. Smith, assistant to the president, Glacier Division:

Effective December 27, 1954, R. T. Carrington was appointed Northwest Territory's sales manager, in charge of both Wholesale and Retail Sales. Simultaneously, L. B. Trelue was made district sales manager, Wholesale Sales, of the Portland District; C. J. Dalzell became district sales manager, Wholesale, Sales, Tacoma District; and W. L. Stewart III was appointed resident manager at Portland.

To occupy the place of D. B. Hayes, whose death occurred during a December business trip to Los Angeles, R. R. Blakeslee has been appointed Glacier Division sales manager.

ON TOUR is pleased to present several of the fund-raising committees through whose solicitation efforts Union Oil people have made a record total contribution to charity:



Central Territory's San Francisco Area Committee



Northwest Territory's Seattle Area Committee



Southwest Territory's Greater Los Angeles Committee

## CONGRAT

Union Oil people are being warmly congratulated for their outstanding contributions to the 1955 charity crusades. Read this:

Vice President Alan Lowrey,  
Union Oil Company,  
San Francisco

Dear Alan:

I have just completed a review of all contributions to our Rails, Oils and Utilities section of the 1954 United Crusade, and note that Union Oil is in the top position with an outstanding performance record. Congratulations to you, Alan, and to all your fine Union Oil people.

Jim Stockman has told me that you not only had a 99% employee and management participation, but so far you have the highest contribution average (\$21.75 per employee) yet reported by any company in San Francisco. Also, he has informed me that you have a fine management giving record of \$73.00 per employee, and that the total employee funds are up some 300% over last year.

There is no question that this record is one of the finest attained during any San Francisco United Crusade or Community Chest Drive. Special recognition of Union's outstanding performance will be made at the next Progress Luncheon.

Again, please extend my personal congratulations to your people for a job well done.

(Signed) T. S. Peterson, President  
Standard Oil Company of California

Research & Pr





*Home Office Committee*

# ULATIONS

Subsequent to Mr. Peterson's letter, United Crusade complimented these Union Oilers for having made the largest contribution per employee of all company groups in San Francisco.

Meanwhile, equally commendable results were being attained elsewhere throughout the Company:

Brea Chemicals, Inc., joining AID for the first year, gave \$3,845 with 75% employee participation.

Northwest Territory employees in Seattle achieved 85% employee participation while helping the Seattle United Good Neighbor Campaign raise \$3,359,669.

Southwest Territory employees in Greater Los Angeles reported 55% participation in AID and total contributions of \$5,166.

Research & Process at Brea gave AID a check for \$5,628, a generous response from 65% of the Union Oil people at that location.

Los Angeles Refiners increased their donation to AID by 21% over the previous year, pledging a 1955 total of \$13,864.

Oleum Refiners more than tripled last year's gift by raising \$6,593 for the United Crusade.

Home Office qualified again for the AID honor roll with 98.8% of the employees participating, 57.4% pledging at least .5% of their annual earnings, and by raising a record contribution of \$33,532 (\$38.41 per donor).

Undoubtedly, hundreds of other Union Oil people gave generously in their local communities.

Union Oil Company, always a large contributor to charities under its own name, is deeply proud of this voluntary employee response.



*Los Angeles Refinery Committee*

*Department Committee*



*Oleum Representatives Presenting Check to United Crusade*



# INDUSTRIAL SUMMARY

## ● FIELD

Field and exploration operations have been programmed for the first half of 1955 comparable with those followed in the latter part of 1954.

An active exploratory drilling program will be carried on in five domestic operating divisions, as well as in Canada and Costa Rica. It is anticipated that 67 wildcat wells will be drilled by the Company, and, in addition, nine wildcats in which the Company will have an interest will be drilled by other operators. The major part of this activity will be in the Gulf Coast, California, West Texas and Western Canada areas. However, one of the most interesting plays in the program will be drilled in Montana, just east of Glacier National Park where the Company has acquired extensive leaseholds, including a sizable block of Blackfeet Indian lands.

Also during the first half of 1955, 108 field development wells are scheduled to be drilling for the purpose of maintaining and, if possible, increasing crude oil production, currently running at a very high level. As would be expected, the bulk of development drilling will take place in California. Important expenditures to be made outside this state will provide for the development of discoveries made in 1954 at East Lake Palourde in Louisiana, South Sturgeon Lake in Alberta, Canada, and in several areas near Lake Trammell in Nolan County, Texas. In addition to these development wells in Company-operated fields, 42 wells in which we have an operating interest will be drilled by other operators.

*from Sam Grinsfelder*

## ● TRANSPORTATION & DISTRIBUTION

On November 12 the PAUL M. GREGG initiated the use of Oleum Wharf when she proceeded into Berth No. 2 to discharge a full cargo of cutback tar from the Los Angeles Refinery. The vastly improved and completely modern tanker facilities now in service at Oleum will make

possible substantial operating economies in the Marine Department.

Seven airplane fueling trucks have been built and assigned to service at Western Air Lines terminals near Seattle, Salt Lake City, San Francisco, Las Vegas and Los Angeles. This equipment, designed and constructed under supervision of the Automotive Department, will be used to deliver aviation gasoline sold by Union to Western Air Lines for use throughout their western division. Each truck has a capacity of 4,000 gallons of aviation fuel. The equipment is designed to permit complete airplane fueling by one man from a "flat top" service deck atop the truck tanks. Motor oil is also served from this deck, the supply being taken from containers carried in a recess within the fuel tank. Design also provides equipment for the de-fueling of airplanes—a regular practice when the big airliners are scheduled for maintenance work.

*from E. L. Hiatt*

## ● MANUFACTURING

Oleum Refinery's new wharf is now in operation. With a length of 1,250 feet and a width of 130 feet, it will accommodate two super tankers and five barges simultaneously. There is a 22-foot roadway on the 1,900-foot causeway connecting the wharf to the shore. The entire structure is built of concrete and is equipped with the latest safety devices and automatic controls, making it the most modern and efficient oil dock on the Pacific Coast.

Oleum Refinery is beginning initial operation of the recently completed Unifiner and Platformer units, which are part of the MP-30 program of refinery construction. The purpose of those two units is to convert gasoline stocks from low quality to high quality. The Unifiner unit will process about 15,000 barrels per day of high-sulfur gasoline stock essentially for the removal

of sulfur and sulfur compounds. The Platformer unit will process the de-sulfurized gasoline stock to produce high-octane gasoline blending components.

*from K. E. Kingman*

## ● **MARKETING**

As reported in the November 18 issue of the Coos Bay Times, important history was made in the Port of Coos Bay when the Chinese freighter "Hai Lieh" was bunkered with over 3,000 barrels of fuel oil at its Central Dock berth. It marked the first time a ship had been supplied with fuel while in Coos Bay, except on an emergency basis. Bunkering service is offered by Union Oil Company and is now available to all shipping. As mentioned in the October ON TOUR, we are the only company with such facilities at this port.

During 1954, our retail program was accelerated by the approval of 255 new service stations and 37 rebuilds of existing properties. This compared with 150 new service stations and 59 rebuilds during the entire year of 1953. The expansion program will be continued in 1955.

Contracts made with the Armed Services for the first six months of 1955 amount to 1,134,200 barrels of petroleum products, principally aviation, motor and diesel fuels.

*from Roy Linden*

## ● **PURCHASING**

It is generally recognized that the decrease in business activity early in 1954 was due largely to reduction of inventories by many concerns throughout the nation. Purchasing agents in their reports to the National Association emphasized the easy availability of replacements and advised that buying be kept within the 30 to 60-day

Distinguished visitor in Los Angeles during November was Dr. Walter Reppe, noted German scientist whose studies have led to the development of a vast number of acetylene derivatives and have gained him universal recognition as "Mr. Acetylene Chemistry." Our photograph shows him engaged in conversation with Dr. G. S. Schaffel (left), manager of research for Brea Chemicals. Dr. Reppe, formerly director of research of I. G. Farbenindustrie in Germany, now heads research at the Badische Anilin und Soda-Fabrik Laboratories of Ludwigshafen am Rhein.

ON TOUR

range. They further reported more confidence in price stability with few items requiring advance placement of orders.

These reports are confirmed in our own operations. In the field of standard items, only steel sheets and some grades of tubular goods are not readily available. Heater tubes and similar items requiring special mill runs can be placed in mill schedules without difficulty. While overall price schedules continue fairly stable, wide fluctuations are encountered on specific requests for bids. Also we find more concerns willing to give cash discounts. Requisitions for operating and maintenance materials will be screened carefully by Purchasing to take full advantage of these conditions.

*from C. S. Perkins*

## ● **INDUSTRIAL RELATIONS**

The success of most companies is heightened by the stability of its people. Conversely, a high rate of employee turnover is often reflected in lower or more costly production. Therefore, Union Oil has been careful in its selection of new employees, usually favoring those who want to make a career of their Company jobs. As a result, we have a large number of long-service employees in all departments:

<i>Years of Service</i>	<i>Number of Employees</i>
10 to 15	926
15 to 20	437
20 to 25	522
25 to 30	588
30 to 35	351
35 to 40	115
40 to 45	14
45 and over	1

*from W. C. Stevenson*



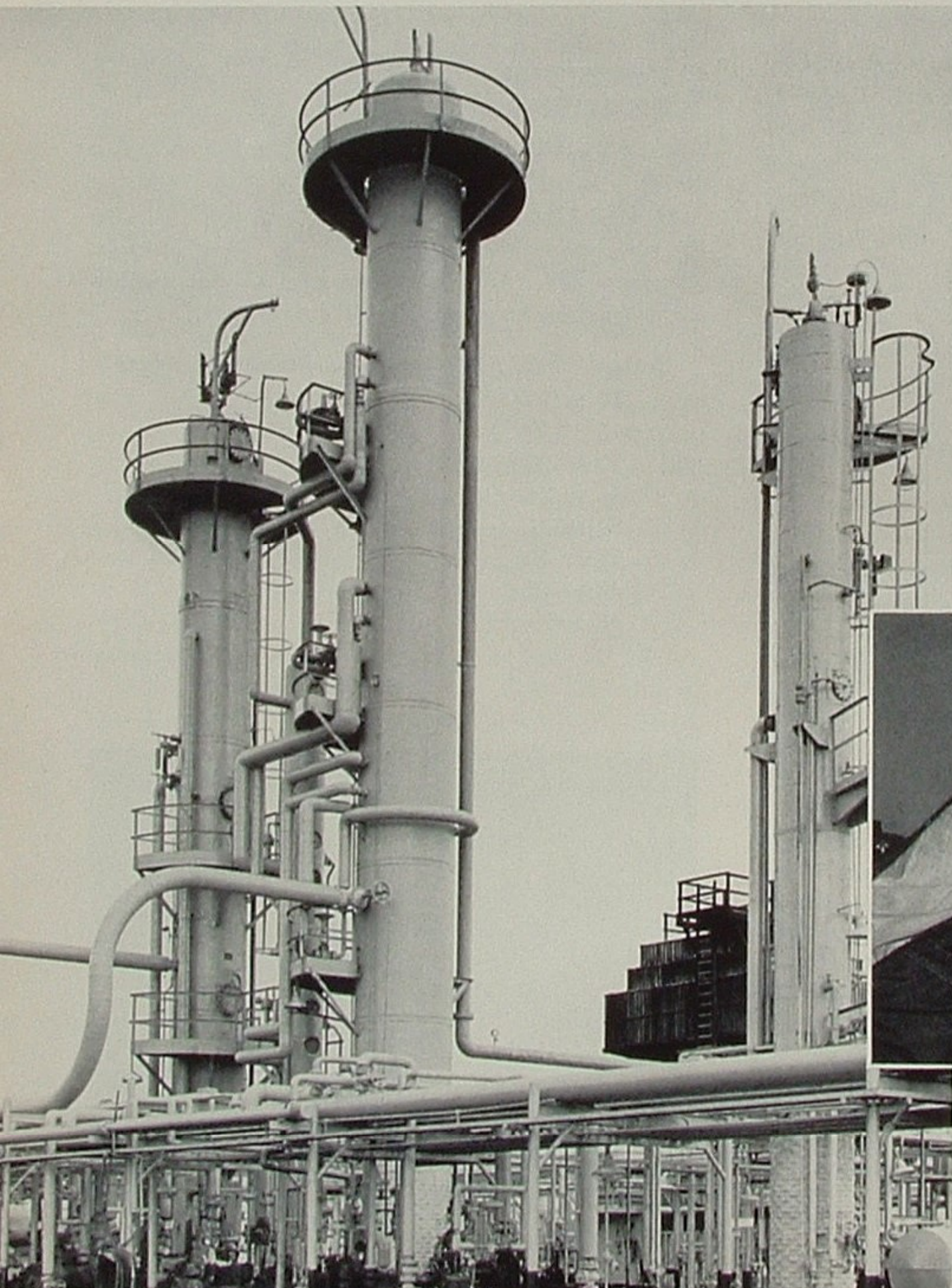
*Discussing the Company program of insurances and benefits are, from left, Superintendent Robert L. Harsin, Jane Owens, Guy M. Gearing, George A. Farnum, Doyle V. Pilkington and Clyde Hoon—formerly Sunray employees but now Union Oilers.*



*In proportion to your holdings of Union Oil stock, you now own this small but efficient Orcutt Refinery purchased December 1 from Sunray Oil.*

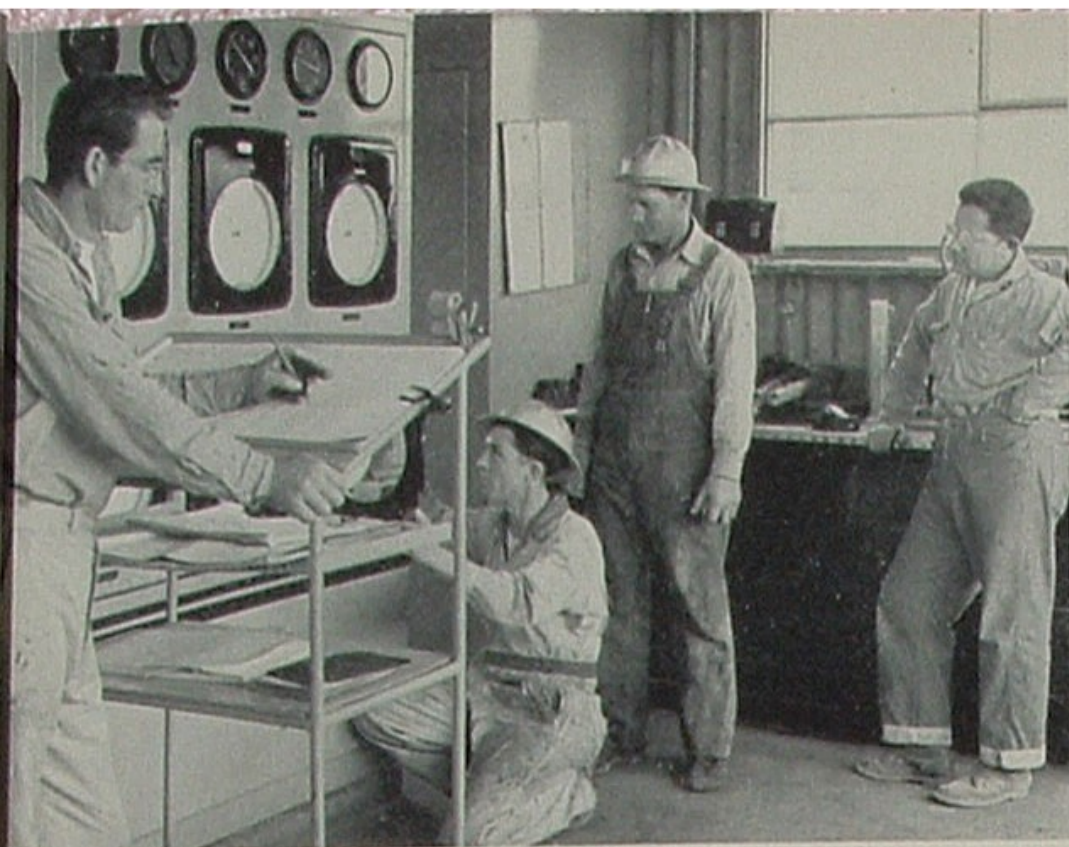
**PURCHASE FROM  
SUNRAY BRINGS  
UNION OIL COMPANY**

# The Orcutt Refinery



*Operator E. Gilbert runs a melting-point test on a sample of air-blown asphalt.*





From left are Richard K. Fox, Glenn W. Ford, Leonard G. Hatley and Manuel J. Costa, four of 16 operators who control the plant's 5,000-barrels-per-day of thruput. Main-

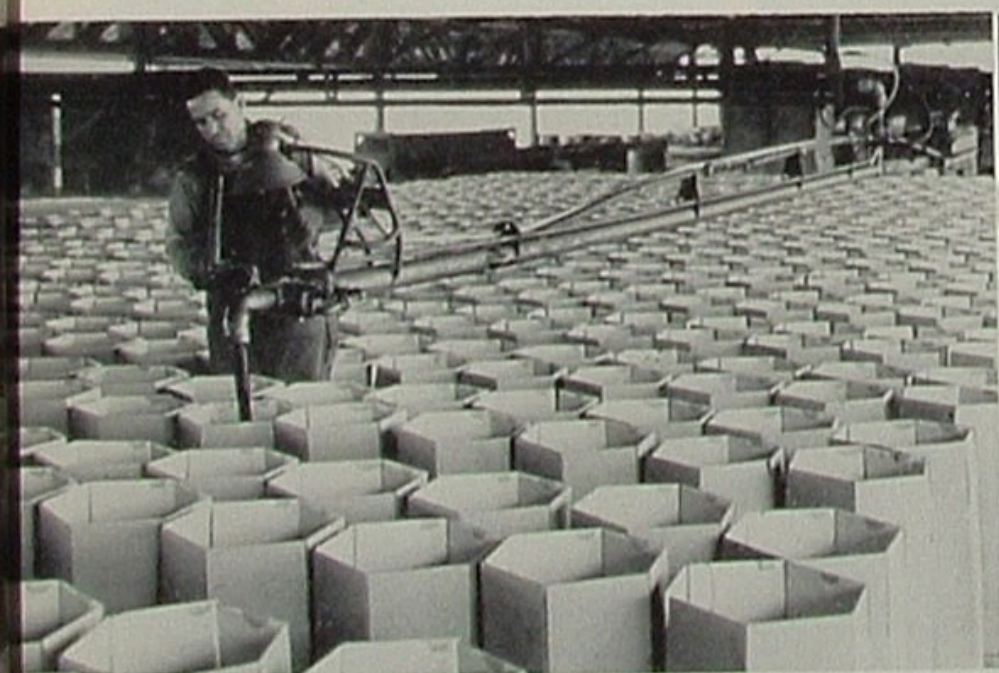
tenance men Richard Chadband, James Murphy, Herbert Tognazzini, Clifford Howard, Kermit Veatch, David Faulkner and Keith Holloway keep the refinery in repair.

REPRESENTATIVES of Sunray and Union Oil met by appointment at Home Office the morning of December 1, 1954. By telephone from Santa Maria Valley, a Sunray supervisor announced that the refinery from where he was speaking was intact, in good working order, and ready for transfer to its buyers. A Union Oil spokesman at the refinery telephoned a similar confirming message. Thereupon, papers were signed, a check changed hands, and Union became the owner and operator of another refinery, our sixth now on stream. Along with purchase of the plant, Union has signed long-term contracts to buy considerable California crude from Sunray.

Although within three miles of the city of Santa Maria, the plant will be known as our Orcutt Refinery,

the Santa Maria name having been reserved previously for our new coking unit now being constructed near the ocean 12 miles away. The Orcutt plant has a processing capacity of 5,000 barrels per day and is designed to manufacture, from Santa Maria type crude, gasoline, kerosene distillate, gas oil, fuel oil, air-blown asphalt, paving asphalt and road oil. Following a serious fire in June, 1950, most of the plant's refining units were newly constructed about three years ago, and its vacuum topping section is only one year old.

The 37 former Sunray employees at this refinery were offered and have accepted transfer to Union Oil payrolls. Their service with Sunray is counted as Union Oil service, and all are automatically eligible for membership in our various benefit and incentive plans.



Packager Atalno Razo uses a lengthy extension of elbow-equipped pipe to fill hex-cartons with hot asphalt. The product is used widely for roofing and pipe coating.



Packager Chester Collier stencils a product identification on the packaged asphalt, after which Lift-Truck Operator John J. Rogers will move it to waiting boxcars or trucks.



## Union Oilers



◆ **AT ANACORTES** in Washington, Consignee D. A. Affleck, center, is seen receiving from district Sales Manager L. C. Burklund and Manager Wholesale Sales L. B. Trelue, left, his first-prize check for having won the opening round of "Operation Lubricants"—a Northwest Territory contest in the sale of lubricating oils.

from J. W. White



◆ **AT SALEM,** Oregon, Resident Manager George Alexander, standing, was an interested witness as Governor Paul L. Patterson of Oregon signed a proclamation designating Oil Progress Week. M. C. Coleman, at right, is State Chairman of the Oil Industry Information Committee.

from J. W. White

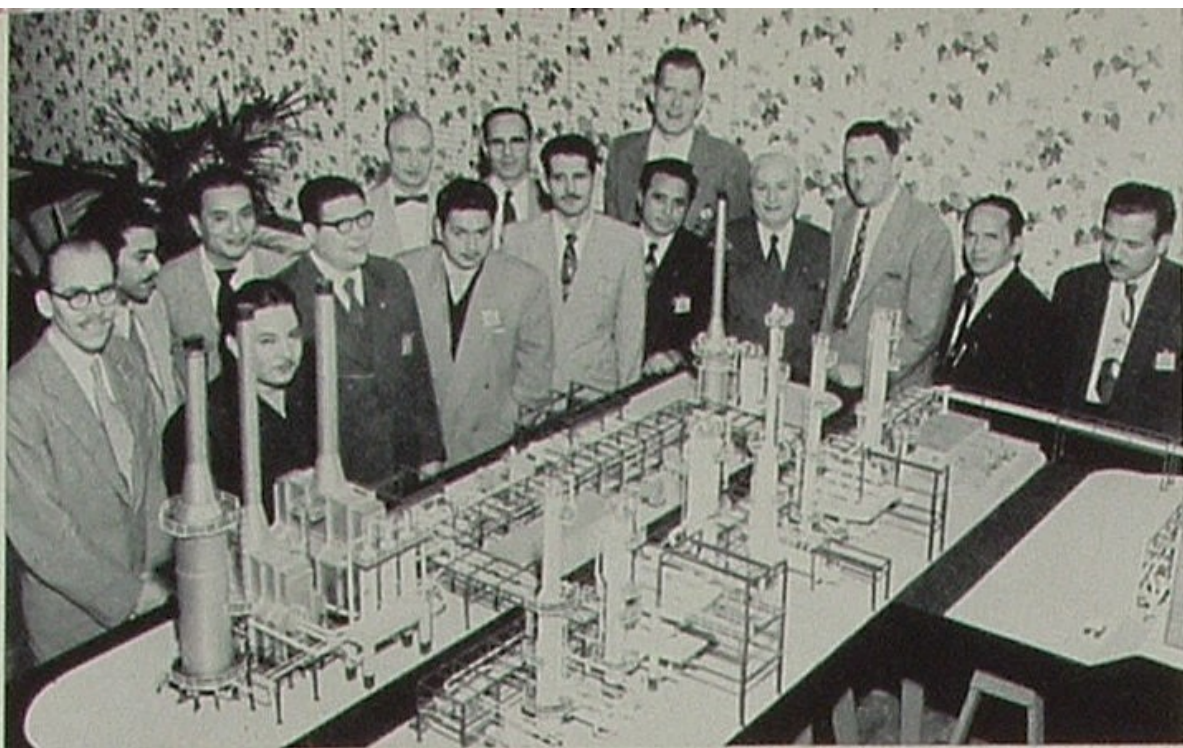


◆ **AT RENO** in October, our DSM L. C. Leonard, center, was honored as incoming Chairman of the Nevada State Oil Information Committee. Appearing with him are, from left, Ray Carter, outgoing Chairman, Charles Mapes, President of Reno Chamber of Commerce, Leo Newformer, guest speaker, and Arthur N. Suverkrup, assistant to Nevada Governor.

from J. N. Bateman

◆ **AT ROSECRANS** on November 24, part of the Terminal employees were on hand to receive an A. P. I. Accident Prevention Award plaque signifying three years or 507,027 employee-hours without a lost-time accident. Company officials seen complimenting Superintendent Imes and his group are, from left, J. T. King, H. M. Schafer, J. W. Miller, J. E. Hill, W. C. Stevenson and G. S. Smith.





▶ **AT OLEUM** in December, this group of trade union leaders from Nicaragua and El Salvador toured our refinery facilities to observe working conditions. Their visit was arranged by

the U.S. Department of Labor. All were most favorably impressed and, through Training Counselor Dave Zenk, who escorted them, have invited Union Oil people to be their guests in Central America.

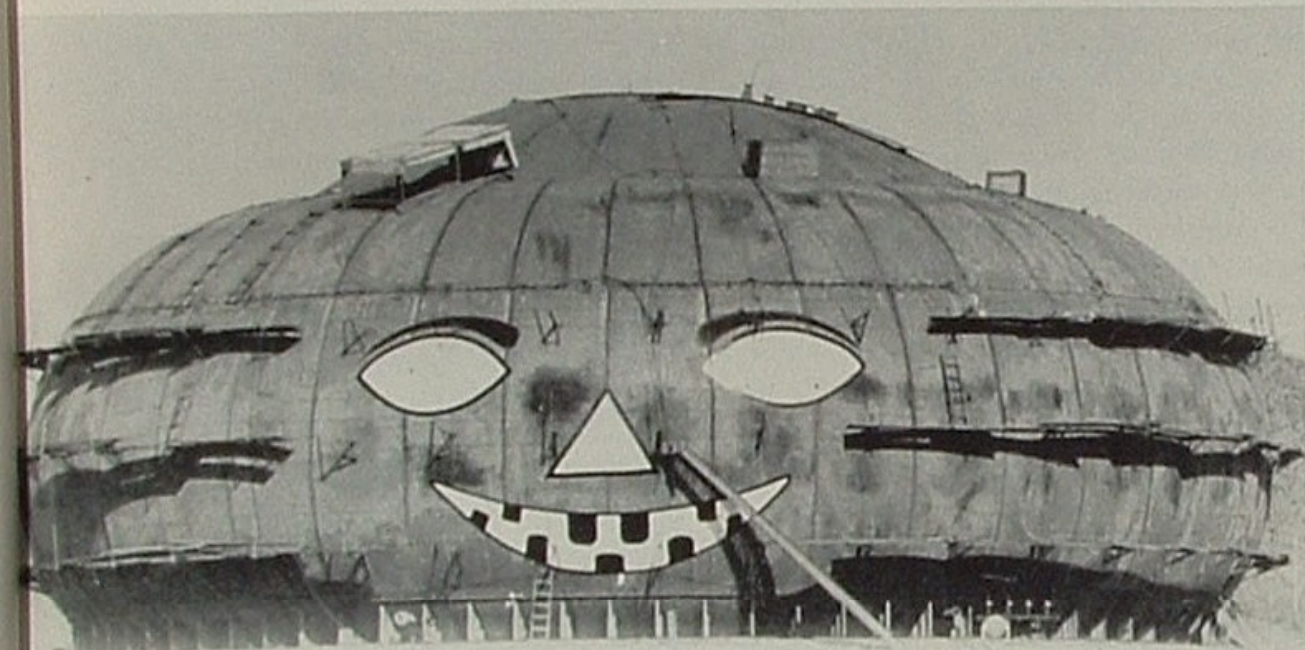
from Clyde Morton



▶ **DARLENE REDFERN**, 10, is the daughter of Don Redfern, an operator in our Dominguez Field. She is a versatile and highly talented singer and dancer who has appeared on numerous "hit" programs including TV and a Technicolor movie. The above photo of her was chosen for the Grand National Exhibit of the National Portrait Exhibitors Forum.

▶ **NANETTE STRANAHAN**, daughter of Union Oiler Jessie Smith, Seattle, has leaped to new heights as a skating star. Adding to her four Seattle and Pacific Northwest championship titles, she recently occupied a feature role in the 1954 Ice Parade held in the Seattle Civic Ice Arena.

from Bob Sandarcock



▶ **AT BALBOA** in the Canal Zone, Union Oilers borrowed a page from Los Angeles Refinery by equipping their new 60,000 barrel spheroid with Hallowe'en features. When lighted at night, it presented a very realistic pumpkin appearance from Sosa Hill.

from G. D. Mavor

▶ **AT LOS ANGELES REFINERY** on October 14, 40 San Diego high school boys were indoctrinated into the mysteries of refining. Martin Simon, center, guided the group, whose Oil Progress Week trip was arranged by Union Oiler Harvey Howard of San Diego.

from Herb Zirnite



**AT RESEARCH CENTER** on November 18, the Employees Recreational Activity Committee paused only long enough to "change horses." From left are former officers Al Youngman, Lucille Rowland and Chairman Howard Emerson passing the official gavel to Chairman Bill Ketteringham, Anne Falconer and Bob Abercrombie, newly saddled for office. During the past year, this active committee has promoted basketball, bowling, golf, AID and Red Cross campaigns, picnics, dances, a beach party and other recreational activities.

from Paul Doyle



**THE BLOODMOBILE** of the Red Cross often heads for a Union Oil plant when the need is to "fill 'er up." At our Research Center, where 133 pints of whole blood were collected on November 17, H. B. Wildman, left, became a member of the Five-Gallon Club, while E. B. Cron, at right, brought his donor total up to 9¾ gallons of whole blood.

Among the 226 donors at Los Angeles Refinery on November 16 were, lower photo from left, F. C. Wood, R. C. Oliver, N. D. Koch, A. E. Hamblin, James Hays, L. J. Muskett, J. E. Parker, R. J. McLaughlin and L. L. Samples.



**OLEUM'S** most recent safety recognition is the API Accident Prevention Award exhibited by Vernon H. Taylor and Arthur A. Smith. It records 2,432,000 employee-hours without a lost-time accident. Incidentally, Art Smith, who soon will retire after 40 years of Company service, has not had a lost-time accident during his entire Company career.

from Clyde Morton



**AT COALINGA,** an appropriate sign, foreground, indicates why employees of the Coalinga District, Valley Division, were treated to a delicious steak barbecue. Work safely and you win two ways!

from Howard Fraser





**AT MONTEBELLO** Golf Course on November 13, the Union Oil Women's Golf Club held their first annual tournament, followed by a dinner (at left) and election of officers. Low gross prizes went to Faye Sinclair and Bea Engum. Other prize winners were Lee Mackenzie and Rosabelle Luhmann, flight winners; Patricia Milloy and Nancy Groff, flight runners-up; Marjorie Adams and Patricia Milloy, best ladder scores; Genevieve Clay, best putter; and Marilyn Hampton, guest prize. The new 1955 officers are President Marjorie Adams, Faye Sinclair, Irene Murray and Isabelle Hill.

**AT VALLEJO** on Hallowe'en, bowlers in the Handicap League were obligated to compete in costume. Oleum girls, from left, Chiquiata Joiret, Roby Vonk, Esther Reidenbach, Mary McGuiggan and Helen Little rocked the alleys by coming disguised as a "stretcher case" complete with doctor, litter bearers, nurse and a warmly union-suited patient. The girls are "doing as well as can be expected" in league play.

from Clyde Morton

**SCOTCH FOURSOME** play on October 23 at the Alondra Park course attracted 82 Union Oil golfers from the Los Angeles area. Winners of this popular variety of golf, in which partners, man and woman, alternately drive one ball, were (from left) Ralph Cummings and Elsa Class. Bob Carlisle and Nadine Deleree were the runners-up. A prize of questionable worth also went to Roberta Bogle and Jim Lafferty for perseverance and long-suffering.



**TROPHY WINNER** in the 1954 Lions Club Tournament held at the Del Rio Golf and Country Club was Resident Manager C. C. "Charlie" Humphrey of Modesto. While Retail Representative John G. English hefts the trophy, Charlie reviews the thrill of sinking a 20-foot putt on the 18th hole.

from Ethel Cline



ON TOUR

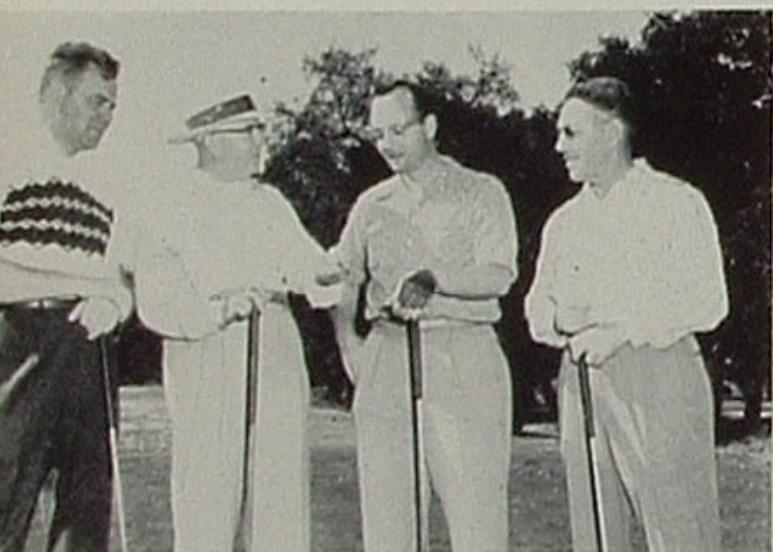




From left, Low-Gross Champion Ed Lyon, Larry Bruce, Jim Driver and High-Gross Victim Hal Schaper.



Ted Proudfoot, Jim McGee who was closest to pin on 17th, John Grunewald and Vic Criddle, low-net star.



John Peterson, Joe Young and Lloyd Wyatt, assistant chairmen for the 1955 tournament, and George Sheets.

#### ▲ AT SONOMA

Golf and Country Club, San Francisco Sales District held its first annual golf tournament on October 16. The invitational competition will be repeated in 1955 under the chairmanship of E. B. Waters, Petaluma consignee. Three of the "finest" foursomes are seen above.

from Ethel Cline

## In Memoriam

On October 14, 1954

**TONNIE R. WESTMORELAND**

Field Department

Retired 8/1/39

On October 21, 1954

**ARTHUR GRANT**

Coast Production

Retired 9/1/31

On October 27, 1954

**WILLIAM A. CROW**

Manufacturing Department

On November 7, 1954

**ALCHIN W. PURDY**

Southwest Territory

On November 13, 1954

**ANN HENRY**

Los Angeles Refinery

On November 21, 1954

**WILLIAM OWEN TUNTILL**  
Southern Division Pipe Line

On November 21, 1954

**JOHN M. STIRRETT**  
Purchasing Department

Retired 7/1/49

On November 22, 1954

**PATRICK H. CROSBY**  
Northwest Territory

Retired 12/31/51

On December 13, 1954

**DOUGLAS B. HAYES**  
Marketing Department

On December 19, 1954

**MORTON H. KIBBE**  
Exploration Department



#### ▲ FASHION NOTE

Wives of Seattle Executives Association members wore to a recent dinner hats indicating the type of business their husbands were in. From left are Resident

Manager L. D. Legacy of Seattle, Mrs. Lagacy, Mrs. Burklund, and District Sales Manager L. C. Burklund—for once fully agreed on what constitutes a becoming bonnet.

from J. W. White



## SERVICE BIRTHDAY AWARDS

### DECEMBER 1954

#### EXPLORATION & PRODUCTION

Trook, Paul W., Richfield .....	35
McAllaster, Malcolm M., Dominguez .....	30
Dunlap, Donald F., Orcutt .....	20
Bowden, Charles F., Home Office .....	15
Gould, Silas A., Orcutt .....	10
Hodge, Jason W., Dominguez .....	10
Shryock, Leonard D., Colorado .....	10
Timmons, Alvin O., Ventura .....	10

#### TREASURER

Grierson, John C., Home Office .....	35
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#### TAX

Hannah, Harrison H., Home Office .....	35
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#### MANUFACTURING

Eye, Harvey P., Oleum .....	30
Frisbey, Chester G., Jr., Oleum .....	30
Hawthorne, Otha A., Wilmington .....	30
Kingman, Kenneth E., Home Office .....	25
Wreath, William G., Oleum .....	25
Braaten, Clifford C., Oleum .....	15
Burton, Floyd E., Wilmington .....	10
Costa, Ralph B., Oleum .....	10
Goad, Cecil J., Wilmington .....	10
Gray, Everett L., Wilmington .....	10
LeChuga, Rafael R., Oleum .....	10
Pieterick, Clarence J., Oleum .....	10

### JANUARY 1955

#### MANUFACTURING

Stats, Luby J., Oleum .....	40
McEwen, Grover, Wilmington .....	35
Francis, Herbert A., Maltha .....	30
Richards, Cecil F., Oleum .....	30
Clark, Harold G., Oleum .....	25
Wunderlich, John C., Oleum .....	25
Bolen, Harry A., Jr., Oleum .....	15
Hughes, Raymond G., Wilmington .....	15
Bjorge, Anton, Oleum .....	10
Brown, Wallace C., Wilmington .....	10
Coughran, Leonard, Oleum .....	10
Dudgeon, Loyd V., Oleum .....	10
Malovich, Frank, Wilmington .....	10
McGuiggan, Mary E., Oleum .....	10
Moore, Jack W., Wilmington .....	10
Wilson, Woodrow W., Wilmington .....	10

#### MARKETING

Stevens, Elmer C., Portland .....	40
Drake, Ronald R., Seattle .....	35
Mowatt, Stanley T., Central America .....	30
Brown, Charles B., Los Angeles .....	25
Hopfield, Clarence D., Portland .....	25
Sanford, Joseph F., Los Angeles .....	25
Rath, Robert H., San Francisco .....	15
Cowie, Jack S., Los Angeles .....	15
Norton, Nicholas M., Reno .....	15
Allison, Edmund C., Coachella .....	10
Dulin, Warren G., Seattle .....	10
Enrich, Robert F., Portland .....	10
Jamieson, William H., San Francisco .....	10
Samp, Marjorie E., Seattle .....	10

Rinehart, Orval L., Wilmington .....	10
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#### MARKETING

Theisen, Arthur L., Seattle .....	30
Bragg, Houghton W., Los Angeles .....	25
Goldsmith, Oliver B., Phoenix .....	25
Criddle, William V., San Francisco .....	20
Culling, Frank A., San Diego .....	20
Brewer, Viola A., Seattle .....	15
McCann, Samuel J., Rosecrans .....	15
Proudfoot, Theodore W., San Francisco .....	15
Van Amburgh, Fred W., San Diego .....	15
Anderson, George L., Los Angeles .....	10
Knoll, Robert W., Seattle .....	10

#### PIPELINE

Goranson, Adolph O., San Luis Obispo .....	20
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#### BREA CHEMICALS, INC.

Doumani, Thomas F., Brea .....	15
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#### COMPTROLLERS

Gowler, Raymond C., Seattle .....	10
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#### RESEARCH & PROCESS

Sego, John, Brea .....	10
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#### PURCHASES

Gooder, Paul O., Home Office .....	10
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#### PIPELINE

Robinson, J. Howard, Home Office .....	35
Colby, Harvey T., San Luis Obispo .....	25

#### EXPLORATION & PRODUCTION

Wissler, Stanley G., Home Office .....	30
Redman, John J., Bakersfield .....	20
McGrory, Chas. G., Dominguez .....	20
Lemaire, Leopold, Louisiana .....	10
Moore, Geneva O., Whittier .....	10
Najar, Renaldo J., Orcutt .....	10

#### INDUSTRIAL RELATIONS

McGowan, James F., Home Office .....	25
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#### COMPTROLLERS

Elsaesser, Jane E., Home Office .....	10
Litteer, Grace J., Home Office .....	10

#### RESEARCH & PROCESS

Hartman, Florence B., Brea .....	10
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#### PURCHASES

Lear, Mary J., Santa Fe Springs .....	10
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#### DISTRIBUTION & TRAFFIC

Rathbun, Homer E., Home Office .....	10
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#### MARINE

White, Clarence C., Wilmington .....	10
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## Retirements



A grateful Company and a host of well-wishing employees are bidding farewell to the following Union Oilers who have concluded long careers of Company service and are retiring:

#### ANDREW F. RUBIO

Pipe Line Department  
Employed 12/20/20—Retired 12/1/54

#### JERRY H. POWELL

Legal Department  
Employed 2/19/23—Retired 12/1/54

#### THOMAS L. STRICTLAND

Pipe Line Department  
Employed 2/27/23—Retired 12/1/54

#### THEODORE H. EVERSON

Field Department  
Employed 6/22/25—Retired 12/1/54

#### CECILE H. BRANT

Field Department  
Employed 10/22/27—Retired 12/1/54

#### MAYNARD B. DRIESBACH

Pipeline Department  
Employed 10/6/28—Retired 12/1/54

#### HENRY M. SCANLON

Field Department  
Employed 11/22/28—Retired 12/1/54

#### CARL W. PANTLE

Field Department  
Employed 3/1/45—Retired 12/1/54

#### ARTHUR A. SMITH

Oleum Refinery  
Employed 9/27/18—Retired 1/1/55

#### CLARA M. BOGEMAN

Comptroller's  
Employed 8/24/15—Retired 1/1/55

#### FORD PYLE

Field Department  
Employed 11/29/28—Retired 1/1/55

#### GEORGE S. LANE

Field Drafting  
Employed 11/10/19—Retired 1/1/55

#### LOUIS WAGNER

Field Department  
Employed 7/1/23—Retired 1/1/55

#### LOUISE GODMAN

Transportation & Distribution  
Employed 3/17/26—Retired 1/1/55

#### MORRISON MANIES

Oleum Refinery  
Employed 6/26/28—Retired 1/1/55

#### AUGUSTUS KEYSER

Pipe Line Department  
Employed 12/27/28—Retired 1/1/55

#### JAMES G. FORREST

Field Drafting  
Employed 1/16/29—Retired 1/1/55

#### RAY G. TURNER

Northwest Territory  
Employed 4/10/41—Retired 1/1/55



## WHAT'S GOING ON IN THERE?

A new gasoline, maybe. A better motor oil, or an improved grease.

It's Union Oil's department of calculated discontent where we tear apart the very best we and our competitors have been able to do.

Our premium gasoline—Union 7600—is a good example.

We adapted this super-fuel from high octane aviation gasoline and introduced it in the West shortly after the end of World War II.

The product was so successful that it's only in the last two years that we have been able to make enough 7600 to satisfy demand.

Yet all the time 7600 was in short supply we constantly improved it. This called for countless advances through the years.

Why—when our customers wanted more than we could make as it was? Why—when we had to plow

back our hard-earned money into the improvements?

*Why? Simply because we wanted the finest possible product to keep our present customers satisfied—and help us to win new ones.*

This illustrates again the basic difference between America's free economy and any other. By furnishing the opportunity for a reasonable profit, the American system creates intense competition for your favor.

As a result, you enjoy constantly improving products and the highest standard of living yet achieved by man.

**76**

**UNION OIL COMPANY**  
OF CALIFORNIA

*Your comments are invited. Write: The President, Union Oil Company, Union Oil Building, Los Angeles 17, Calif.*