

# TEXACO STAR



MOONLIGHT PHOTOGRAPH OF PORT ARTHUR WORKS (1913)

# A REPORT ON A MARINE DIESEL

OF INTEREST TO ALL USERS OF DIESEL  
AND OTHER HEAVY OIL ENGINES

"CALLED up at the office and they told me that the ship was in dock and they would be glad to have me come over and look at the engines. As you know, they had been having excessive carbon trouble and it was on the basis of doing away with this that I sold them URSA.

"The Chief met me on deck—he was glad to see me and could not say too much for

## TEXACO URSA OIL

"We went below—the port engine was down and I had an excellent opportunity to examine the cylinders and piston rings. These were all coated with a fine heavy film of URSA OIL. Not only were the piston heads and rings entirely free from even a trace of carbon but the rings were easily turned in their grooves. The Chief considers URSA OIL a real "find." He told me he could hardly trust his eyes or believe his luck—he had been so used to taking down the engine and scraping carbon after each trip."

But the feature which places TEXACO URSA OIL beyond competition is the fact that you can use URSA to lubricate all the parts. It lubricates the power cylinders, air compressors and all the bearings.

Think what this means in lubricating efficiency. Think of the assurance of

good lubrication in all places at all times. Consider the advantages of eliminating the possibility of admixture or use of wrong oils.

URSA is especially made for the purpose and, like all other TEXACO lubricants, it has been carefully refined to meet the most exacting conditions.

We shall be glad to send you prices and further information on  
TEXACO URSA OIL or any lubricant for any purpose whatever.



THE TEXAS COMPANY

HOUSTON

CHICAGO

NEW YORK



## PETROLEUM

**I AM POWER.** I drive the locomotive over mountain and desert. The swift automobile is my chariot. I soar in the clouds wherever men dare ride the dizzy aeroplane or the majestic floating air-ship. The stealthy submarine and the stately liner go their ways by my permission. I whirl the spindles in a thousand mills and you can hear me roar in a multitude of foundries.

My strength never lags. Peak loads are a joy to me.

I am **Speed.** Wherever men would go quickly, I take them.

I am **Light.** Without me the lamp would be unlit, the dynamo could not drag electrons from the air, nor any wheel, nor moving thing do its work softly—for I am also **Lubrication and Silence.**

I am **Efficiency.** Men do their tasks gladly and better when I am their fellow, for I am clean and sweet in all my work. The steam leaps stronger from the water at my touch, and the engine speeds with absolute certainty when my hot breath drives the shaft.

I am **Economy,** for I am the spirit of concentrated energy.

I am **Safety.** By my use accidents are prevented. I cheer the land with a myriad of useful flames and navigate the storm with untrembling keels.

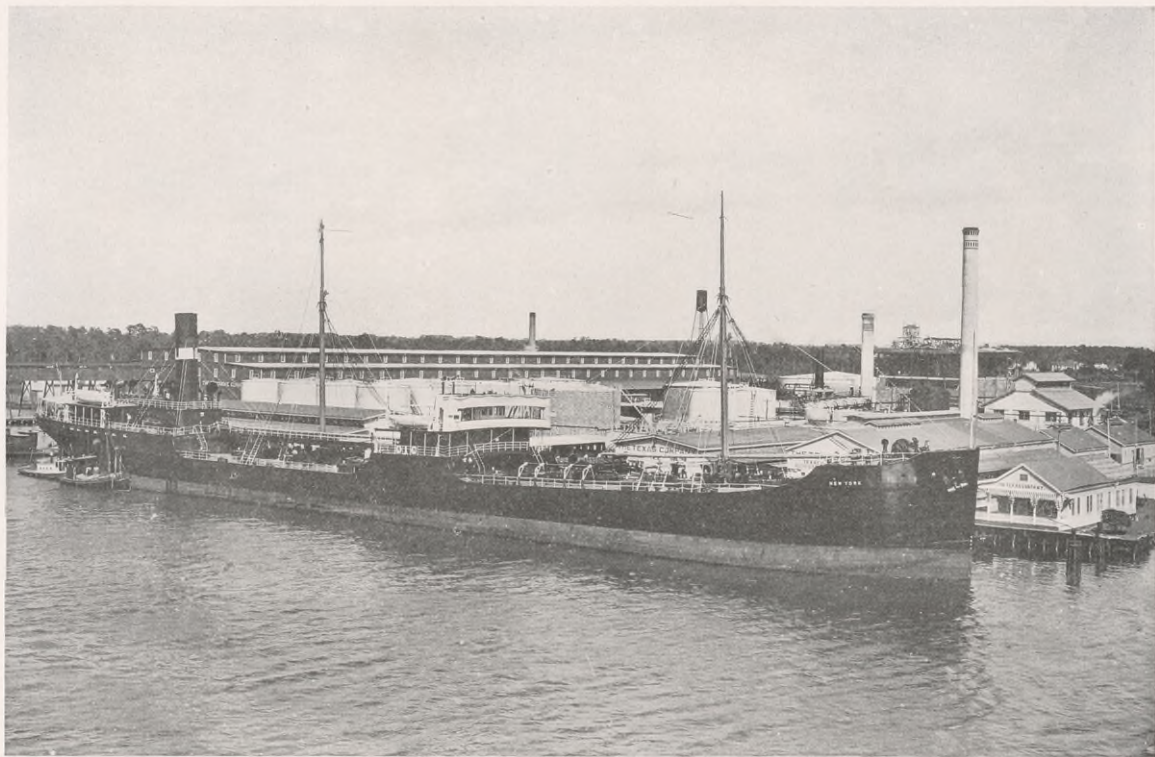
I am the **Husband of Necessity,** since Necessity is the Mother of Invention, for I am the **Father of all Machinery.** I am the **Grandfather of Electricity.**

I am **Profit** in business. I am **Success.**

I am the **Fuel of Civilization.**

I am **Preparedness.**

—*Markets.*



The Texas Company's S. S. *New York* Discharging at Norfolk Terminal

# TEXACO STAR

VOL. III

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No. 12

PRINTED MONTHLY FOR DISTRIBUTION TO EMPLOYEES OF  
THE TEXAS COMPANY

— "ALL FOR EACH—EACH FOR ALL"—

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ADDRESS: TEXACO STAR, 311 THE TEXAS COMPANY BUILDING, HOUSTON, TEXAS

**N**OTICE—The Annual Meeting of the Stockholders of The Texas Company will be held at the office of the Company in Houston, Texas, on Tuesday, November 14, 1916, at 11 o'clock A. M., for the purpose of electing a Board of Directors for the ensuing year and for the transaction of other business.

At this meeting there will be submitted for action by the stockholders a recommendation of the Board of Directors to increase the capital stock of the Company from \$44,400,000 par to \$55,500,000 par, by the sale of a new issue of 111,000 shares, of the par value of \$11,100,000. The recommendation of the Board is that this increase issue be offered proratably to stockholders of record at the close of business November 30, 1916, at the par value of \$100 per share; that assignable warrants be issued evidencing rights on this basis, such warrants to be surrendered and stock subscriptions to be made on or before the date fixed for payment of the first instalment on the new stock; that payments be made in two instalments, as follows:

First instalment, 50% on or before Jan. 5, 1917.  
Second instalment, 50% on or before Apr. 5, 1917;  
that interest at the rate of 6 per cent per annum be allowed from January 5, 1917, to April 1, 1917, on all payments made on or before Jan. 5, 1917; and that this stock participate in earnings from April 1, 1917.

The stock transfer books of the Company will be closed on October 27, 1916, at 3 o'clock P. M., and will remain closed until after the final adjournment of the stockholders' meeting.

C. P. Dodge, Secretary.

Some of our readers have been puzzling over the problem what the proper value of the warrant or "right" to be given for each share of stock is. Such inquiries can be answered only theoretically. The market value depends primarily upon the public's understanding of the present and probable future conditions in each particular case. If it were certain that the current value of the outstanding stock had been rightly based on steady net profits, and that the same rate of profit would be earned in the future on the total capital after the increase, then the calculation of the value of the "right" would be precise, and could be reasoned thus: If the capital stock is to be increased 25 per cent, and if one share is now worth \$220, and the right given its holder entitles him to buy one-fourth of one of the new shares for \$25, then, since one-fourth of a share is worth  $\frac{1}{4}$  of \$220, or \$55, the "right" is worth the difference between \$55 and \$25, or \$30.

But various practical considerations affect the prices at which such rights may be sold in the open market, in addition to the theoretical questions we have mentioned and to fluctuating financial conditions at large. A working formula offered by some financial papers is  $Pr(1+r)$ , where  $P$  is the premium on the old stock and  $r$  is the percentage of increase of capital stock; that is, in the case supposed, \$120 multiplied by 0.25, divided by 1 plus 0.25, which is \$30 divided by 1.25, or \$24.00. As has been suggested, however, there is a great deal more than arithmetic in the market value of any commodity or security.

## TEXACO STAR

Statistics recently issued by the U. S. Department of Commerce flatly contradict the reckless talkers who incessantly attribute the high cost of living to "trusts and combines." Wholesale prices, as reported from 1896 to the end of 1914, rose an average of 50%; but farm products rose 94%, fuel 35%, metals 7%, etc., and housefurnishing goods declined 3%. Retail prices, as reviewed for 1914 and 1915, show that wheat and corn were higher, and beef and pork products lower, in 1915 than in 1914. On the whole, the prices of commodities with which large business organizations are most concerned have risen much less than the prices of commodities not generally produced by large business organizations.

The waste involved in imperfect lubrication is well illustrated in the following quotation from a bulletin issued for the New York, New Haven & Hartford Railroad Company, for information of the press, by Edward G. Riggs, Executive Assistant:

"Fewer hot boxes on the cars of the New York, New Haven & Hartford Railroad Company are being reported than at any time during recent years. During the week ending September 9 there were only 18 hot boxes on passenger cars reported on the entire New Haven road, whereas in the corresponding week last year there were 40 reported. The reduction each week, in comparison with the figures for a year ago, averages over 50 per cent.

"There are in each 24 hours on the New Haven road passenger train cars running 240,000 miles, or ten times the circumference of the earth, and yet the record for the whole month of September shows 7 hot

boxes was the largest number in any one day, and on many days only 2 hot boxes."

If a wise merchant seeks sound success and will be satisfied with nothing else, he will see to it that he has "quality goods" behind his advertising. For it's "goods of quality" that make for the good and lasting name of a business establishment.—*Frank M. Law.*

Honor is the North Star of character.

The editorial and departmental news sections in this issue have been abridged, and other regular sections omitted, in order to make room for the views of new construction by which the operating capacity of The Texas Company has been increased during the last fiscal year.

### CRUDE OIL PRICES AT WELLS September 1, 1916

Pennsylvania.....	\$2.30	De Soto Light... \$	.80
Mercer Black.....	1.80	Crichton Light... .	.60
Corning, O.....	1.80	Caddo Light.....	.90
Cabell, W. Va.....	1.82	Caddo Heavy.....	.65
Newcastle.....	1.80	Vivian Heavy.....	.65
North Lima.....	1.43	Vinton.....	.65
South Lima.....	1.43	Jennings.....	.65
Indiana.....	1.28	Spindletop.....	.70
Princeton, Ill.....	1.47	Sour Lake.....	.65
Illinois.....	1.47	Batson.....	.65
Canada.....	1.98	Saratoga.....	.65
Somerset, Ky.....	1.70	Humble.....	.65
Ragland, Ky.....	.75	Dayton.....	.65
California Light... .	.70	Corsicana Light..	.90
California Heavy... .	.40	Corsicana Heavy	.60
Mexico.....	.20 to .40	Petrolia.....	.92
		Electra.....	.90
		Markham.....	.65
		Kansas and Okla.	.90
		Healdton.....	.40
		Thrall.....	.90



Point Isabel, Texas, where Company I of 3rd Texas Infantry was stationed for over six weeks to guard the Naval Wireless Station. Texaco products are used at the wireless station at this point.

## TEXACO STAR



### EMPLOYEES OF THE TEXAS COMPANY MUSTERED INTO U. S. ARMY WHEN THE NATIONAL GUARD WAS MOBILIZED.

The Texas Company is well represented in the National Guard as transferred into the United States Army, and now located at various mobilization camps along the Mexican border. Respective Departments have furnished the enlisted men as follows:

Refining Department.....	104
Marine Department.....	1
Sales Dept. S. Territory.....	11
Sales Dept. N. Territory.....	12
Comptroller's Department.....	1
Purchasing Department.....	1
Export Department.....	1
Producers Oil Company.....	8
Total.....	139

The enlistments from different Works and Terminals of the Refining Department were:

Port Arthur Works.....	66
Port Arthur Terminal.....	22
Port Neches Works.....	3
West Dallas Works.....	1
Charleston Terminal.....	1
New York Office.....	2
Delaware River Terminal.....	4
Norfolk Terminal.....	4
Bayonne Terminal.....	1

The largest Company in the Texas National Guard, reporting to mobilization camps, was Company I from Port Arthur. This company left Port Arthur with 161 men, but before reaching destination 21 men were transferred to Company K; even the remainder of Company I was still the largest company in the Texas National Guard. Subse-



Some men of The Texas Company in outpost duty

quently Company I was divided into Companies I and L. The officers and non-commissioned officers of both companies were selected from original Company I. Companies I, K, L of Port Arthur and Company M of Beaumont constitute the 3rd Battalion, commanded by Major A. R. Sholars, of the 3rd Regiment of Texas Infantry. It is generally conceded that the troops from Port Arthur have established the best record of any of the troops reporting to the mobilization camps. The Port Arthur troops were originally stationed at San Benito, Harlingen, and Point Isabell, but have recently been moved to Corpus Christi.

Employees of our Port Arthur Works constitute the majority of Company A of the Texas Brigade, Engineer Corps. The Engineer Corps is located at Ft. Sam Houston, San Antonio, Texas.

Employees from the Northern Terminals, who enlisted with Eastern troops, are scattered at various points in Arizona, Texas, and New Mexico.

A large number of our employees are either officers, or non-commissioned officers, among whom are: W. L. Rutan, Capt., Co. I; H. E. Elmendorf, 1st Lieutenant, Co. I; P. T. Williams and L. B. Hightower, Sergeants, Co. I; Russell McBride, J. Harle, George Ludwig, and Jules Duhon, Corporals, Co. I; Wm. Boettgen, Cook, Co. I; L. E. Brubaker, Musician, Co. I; D. E. Calhoun, Sergeant, Co. K; Red Bert-



Some Company I men arriving at Point Isabell, where the sand is deep

# TEXACO STAR

rand, Cook, Co. K; H. F. Stuckey, 1st Sergeant, Co. L; E. B. Kershner and E. B. McMahon, Sergeants, Co. L; F. H. Borden, A. Mammert, and John Weldon, Corporals, Co. L; J. J. Triebel, Cook, Co. L; I. A. Durke, Artificer, Co. L; K. F. McConico and I. E. Whately, Musicians, Co. L; J. G. Howard, Capt., Co. A, Eng. Corps; J. P. Horan, Lieutenant, Co. A, Eng. Corps. Probably some more of our employes have been promoted to be officers or non-commissioned officers, but complete information is not available.

The Second Division of the 1st Battalion of the Texas Naval Militia has not yet been called into service. The Refining Department is represented in this branch by B. S. Craig, Lieutenant, of Port Arthur, and H. J. McDonald, Petty Officer, of Houston.



Bathing in an arroyo near Harlingen, Texas  
They are telling you to what Company of the Guard they belong

The individual names (arranged alphabetically by Departments), location in The Texas Company's organization, and military assignment are recorded in the following list:

## REFINING DEPARTMENT.

Armstrong, C. . . . . Norfolk Term. Norfolk Light Artillery  
Autz, C. E. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Bailey, J. R. . . . . P. A. Term. Co. A, En. Cor., 1st Tex. Inf.  
Beard, M. D. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Bennett, F. C. . . . . P. A. Works. Co. A, En. Cor., 1st Tex. Brig.  
Bertrand, Gea. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Bertrand, J. E. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Bertrand, M. J. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Blanchard, F. C. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Blanchard, P. C. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Brandin, R. J. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Boettgen, Wm. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Borden, F. H. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Broom, V. . . . . N. Y. Term. Co. A, En. Cor., Tex. Brig.  
Broussard, A. E. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Brown, L. F. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Brubaker, L. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Buder, M. M. . . . . P. A. Term. Co. M, 3rd Texas Infantry  
Calhoun, B. E. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Clements, E. R. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Cobb, H. . . . . Norfolk Term. Norfolk Light Artillery  
Cornell, V. . . . . N. Y. Term. Off. Co. 1, 23rd N. Y. Inf.  
Courtney, Sam. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Curtis, W. E. . . . . P. A. Works. Co. L, 3rd Texas Infantry  
Dammert, B. F. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
Darby, Gea. . . . . P. A. Term. Co. K, 3rd Texas Inf.  
Drake, B. J. . . . . Del. Riv. Term. Co. 1, 7th N. Y. Inf.  
Duhon, Joe. . . . . P. A. Works. Co. I, 3rd Texas Inf.

Duhon, Jules. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Dunbar, R. B. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Durke, I. A. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Eaton, T. A. . . . . Norfolk Term. Co. I, 3rd N. Y. Inf.  
Elmendorf, H. B. . . . . P. A. Works. Co. I, 3rd Texas Infantry  
Evans, L. J. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Faranti, L. . . . . Del. Riv. Term. Co. B, 8th U. S. Regulars  
Flourment, W. J. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Gardner, B. W. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Gaudin, Tom. . . . . P. A. Works. Co. K, 3rd Texas Infantry  
Goodwin, C. J. . . . . W. D. Works. Co. A, En. Cor., Tex. Brig.  
Harle, Joe. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Hay, E. V. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Hays, Robert. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Helmer, H. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Hepple, C. G. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Higginbotham, W. P. A. Term. Co. K, 3rd Texas Inf.  
Hightower, L. B. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Hobby, R. B. . . . . P. A. Term. Co. I, 3rd Texas Inf.  
Horan, J. P. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Howard, J. G. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Hunt, E. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
James, L. H. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Johnson, E. T. . . . . N. Y. Office. Bat. D, 1st N. Y. Artill.  
Jones, R. H. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
Jouett, H. E. . . . . P. N. Works. Co. A, En. Cor., Tex. Brig.  
Kershner, E. B. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Lahmever, C. . . . . Charlest' n Arm. Co. A, 2nd S. C. Inf.  
LeBlanc, J. D. . . . . P. A. Term. Co. I, 3rd Texas Inf.  
Lee, W. R. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
LeNoir, A. W. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Ludwig, Geo. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Ludwig, R. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Mannix, E. B. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Matthews, J. N. . . . . P. A. Term. Co. A, En. Cor., Tex. Brig.  
Mavo, W. C. . . . . P. A. Term. Co. I, 3rd Texas Inf.  
McBride, R. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
McClanaghan, R. A. P. N. Works. Co. A, En. Cor., Tex. Brig.  
McConico, K. F. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
McCracken, H. E. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
McFarland, I. B. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
McGraw, Frank. . . . . Bayonne Term. Co. I, 4th N. Y. Infantry.  
McMahon, E. B. . . . . P. A. Term. Co. I, 3rd Texas Inf.  
Moore, M. M. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Moran, J. H. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Owens, L. S. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Patin, James. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Pitre, P. O. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
Porter, V. B. . . . . P. A. Term. Co. I, 3rd Texas Inf.  
Power, Ivan T. . . . . P. A. Works. Co. K, 3rd Texas Inf.  
Richter, R. H. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
Rutan, W. J. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Sarver, C. C. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Schultz, Wm. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Sears, C. M. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Smith, F. M. . . . . Del. Riv. Term. Co. C, 1st Delaware Inf.  
Stine, A. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Stuckey, H. F. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
Summes, A. V. . . . . P. A. Term. Co. K, 3rd Texas Inf.  
Swensen, Dick. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Theurer, Paul. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Toups, J. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Townsend, John. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Triebel, J. J. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
Wendt, A. L. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Wennerbom, M. . . . . P. A. Term. Co. I, 3rd Texas Inf.  
Whitley, L. B. . . . . P. A. Works. Co. K, 3rd Texas Inf.  
White, E. H. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
White, S. W. Jr. . . . . Norfolk Term. Norfolk Light Artillery  
Whittington, D. E. P. A. Term. Co. L, 3rd Texas Inf.  
Wills, J. C. . . . . P. A. Term. Co. L, 3rd Texas Inf.  
Williams, E. P. . . . . P. A. Works. Co. L, 3rd Texas Inf.  
Williams, P. T. . . . . P. A. Works. Co. I, 3rd Texas Inf.  
Wilson, W. E. . . . . P. A. Works. Co. A, En. Cor., Tex. Brig.  
Woolsey, I. . . . . Del. Riv. Term. Co. G, 6th Pa. Inf.  
Woolston, J. B. . . . . P. A. Term. Co. L, 3rd Texas Inf.

## MARINE DEPARTMENT.

Turner, J. T. . . . . Port Arthur. Co. I, 3rd Texas Inf.

## SALES DEPT. S. TERRITORY.

Baker, G. L. . . . . Atlanta Dist. Co. H, 5th Ga. Infantry  
Davis, A. . . . . Birmingham D. . . . .  
Jackson, G. L. . . . . Atlanta Dist. Co. L, 2nd S. C. Inf.  
Jeter, L. R. . . . . Atlanta Dist. Co. H, 5th Ga. Infantry  
Jones, Jas. G. . . . . Atlanta Dist. . . . .  
Kamady, T. G. . . . . Atlanta Dist. Co. H, 2nd S. C. Inf.  
Parnley, G. W. . . . . Atlanta Dist. Co. G, 5th Ga. Inf.  
Price, C. F. . . . . Atlanta Dist. Quartermaster, Cor. G.  
Rowe, R. E. . . . . N. O. Dist. 1st La. Cavalry  
Schwend, H. F. . . . . Birmingham D. Co. D, 2nd Ala. Inf.  
Ustry, T. L. . . . . Birmingham D. Co. F, 4th Ala. Inf.

# TEXACO STAR

## SALES DEPT. N. TERRITORY.

Browne, H. S. . . . . N. Y. Acct. Off. 3rd Field Hospital, N. Y.  
 Cook, Roland D. . . . . Norfolk Dist. . . . . Bat. D, 1st Va. Artill.  
 DeLaCour, R. B. . . . . Chicago Dist. . . . . Mach. Gun Troop, Ill. Cav.  
 Edwards, C. E. . . . . Chicago Dist. . . . . Co. A, 1st Ill. Inf.  
 Kilpatrick, N. O. . . . . Norfolk Dist. . . . . Bat. B, 1st Va. Artill.  
 McHenderson, J. Jr. . . . . Norfolk Dist. . . . . Co. L, 4th Va. Inf.  
 Mendenbach, R. J. . . . . Phila. Dist. . . . . Hdqrs. Co. 2nd Pa. Inf.  
 Queneey, J. J. . . . . Boston Dist. . . . . Co. B, 9th Mass. Inf.  
 Smith, F. G. . . . . Phila. Dist. . . . . Troop A, 1st Pa. Cav.  
 Snyder, W. J. . . . . N. Y. Dist. . . . . Co. C, 22nd N. Y. Inf.  
 Stewart, F. E. . . . . Chicago Dist. . . . . Ill. Cavalry  
 Wesson, W. E. . . . . N. Y. Dist. . . . . Bat. F, 10th Conn. Art.

## COMPOTROLLER'S DEPARTMENT.

Westerman, E. J. . . . . N. Y. Off. . . . . Bat. D, N. Y. Art.

## PURCHASING DEPARTMENT.

Hair, Arthur. . . . . N. Y. Off. . . . . Bat. E, N. Y. Art.

## EXPORT DEPARTMENT.

Becker, Wm. H. . . . . N. Y. Off. . . . . Co. D, 23rd N. Y. Inf.

## PRODUCERS OIL COMPANY.

Brown, C. R. . . . . 1st Louisiana Infantry  
 Du Vall, L. E. . . . . 1st Louisiana Infantry  
 Gilbert, L. E. . . . . Co. from Cameron, Texas  
 Jones, Harry. . . . . Co. from Bryan, Texas  
 Murrell, A. C. . . . . 1st Louisiana Cavalry  
 Randall, C. J., Jr. . . . . 1st Louisiana Infantry  
 Van Hoff, B. . . . . Co. Q, 32nd Mich. Inf.  
 Wilkins, Earl. . . . .



Texaco Overlap Roofing with Asphalt Top Finish, 170,000 square feet, applied to roof of Port Arthur Canal and Dock Company's Warehouse, Port Arthur, Texas



1,200 Squares of Texaco Overlap Roofing  
 120,000 square feet of Texaco Overlap Roofing applied by Peden Roofing Company to the roof of the new Concrete Cotton Warehouse of the M. K. & T. Railway, Houston, Texas, view showing the roofing applied to the concrete surface, ready for the top coating of asphalt and gravel.

## TEXACO STAR

### NEW CONSTRUCTION IN THE REFINING DEPARTMENT

Description and photographs of the Refining Department equipment appeared in the first two issues of the Texaco Star, in November and December 1913. Illustrations in this issue, from photographs taken about September 1st, will give some idea of the installations as they are at this time.

In this period of three years, facilities have been increased at practically all of the Refineries and Terminals:

Crude refining capacity has been increased from 12,000,000 to 24,000,000 barrels per annum.

Casing plant capacity has been increased from 3,000,000 to 5,000,000 2-5 cases per annum.

Asphalt capacity has been increased from 80,000 to 180,000 tons per annum.

The plants are located as follows:

#### REFINERIES

Port Arthur, Texas  
 Port Neches, Texas  
 Dallas, Texas  
 Tulsa, Oklahoma  
 Lockport, Illinois

#### TERMINALS

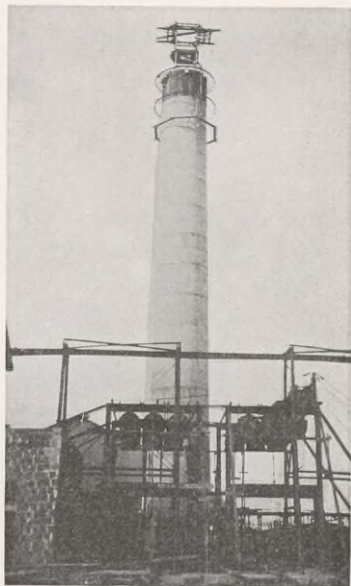
Port Aransas, Texas  
 Galveston, Texas  
 Amesville, La.  
 Jacksonville, Florida  
 Charleston, South Carolina  
 Norfolk, Virginia  
 Baltimore, Maryland  
 Delaware River, Marcus Hook, Pennsylvania  
 Bayonne, New Jersey  
 Providence, Rhode Island  
 Portland, Maine

The principal increases in manufacturing capacity are at Port Arthur, Port Neches, and West Tulsa, together with the construction of asphalt refineries at Norfolk, Va., Marcus Hook, Pa., and Providence, R. I.

The Terminals and the Port Arthur and Port Neches Refineries are located at deep water ports and equipped and stocked to insure prompt and economical delivery to Sales Department stations or direct to customers, domestic and foreign.

In addition to the large amount of tankage in the Pipe Line Department, the Refining Department has a total tankage capacity of 10,500,000 barrels, of which 2,368,000 is at Terminal points.

Increase in investment or construction work during the fiscal year ending June 30, 1916, amounted to \$3,760,000.



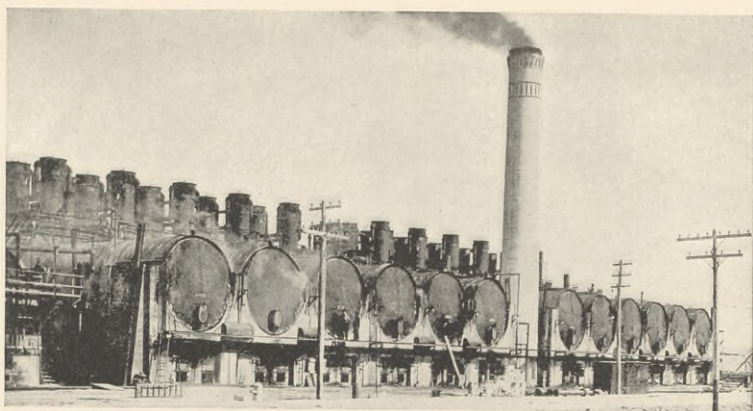
Erecting eight 550-horsepower boilers in extension of No. 3 Boilerhouse, Port Arthur Works

#### PORT ARTHUR AS AN OIL PORT

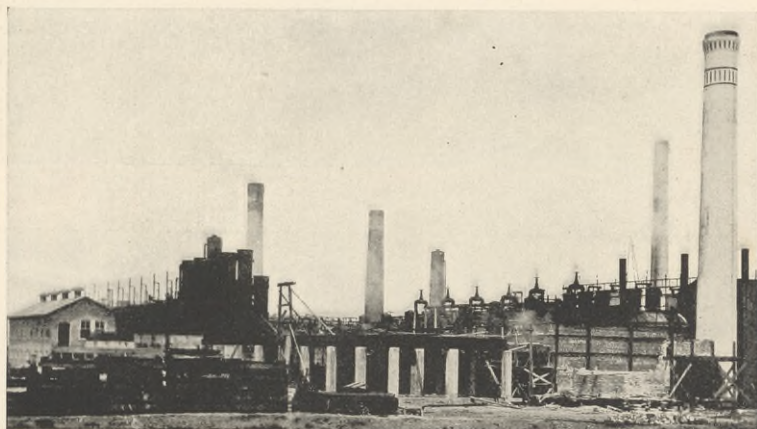
Shipments by water from Port Arthur, Texas, in 42-gallon barrels:

YEAR	COASTWISE	FOREIGN	TOTAL
1901	202,257	64,831	267,088
1902	3,535,786	619,072	4,154,858
1903	7,810,457	519,882	8,330,339
1904	9,675,660	857,685	10,533,345
1905	9,348,467	1,233,334	10,581,801
1906	9,276,167	1,403,422	10,679,589
1907	7,471,131	1,320,612	8,791,743
1908	5,522,285	2,669,659	8,191,944
1909	7,701,838	4,134,805	11,836,643
1910	7,521,194	3,060,061	10,581,255
1911	8,688,104	3,089,243	11,777,347
1912	9,822,149	3,297,475	13,119,624
1913	12,785,409	5,659,738	18,445,147
1914	17,442,127	8,517,592	25,959,719
1915	18,944,238	12,298,218	31,242,456
1916	17,310,382	7,251,190	24,561,572

to Sept. 30  
 The figures for outside companies for the month of September are estimated. September was a record month for The Texas Company—see page 23.



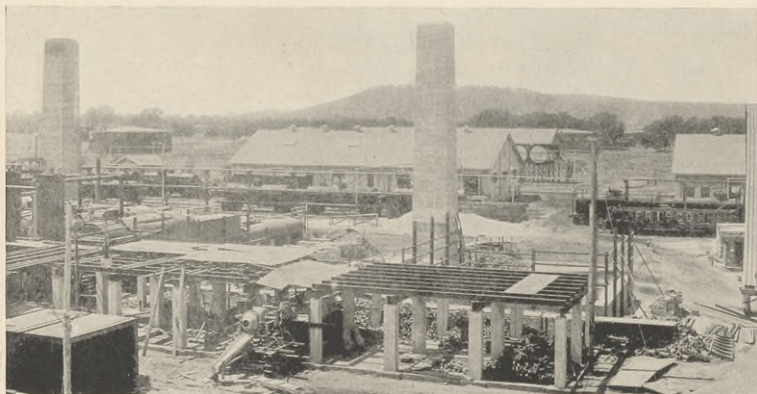
New Battery of Paraffine Stills, Port Neches Works  
Arthur



New Stills Under Construction, Port Neches Works



New Cooling Sheds, Port Neches Works



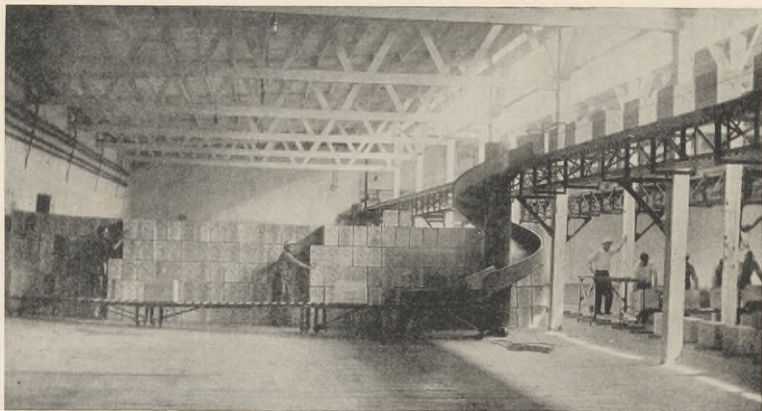
West Tulsa Works—Additional Still Construction



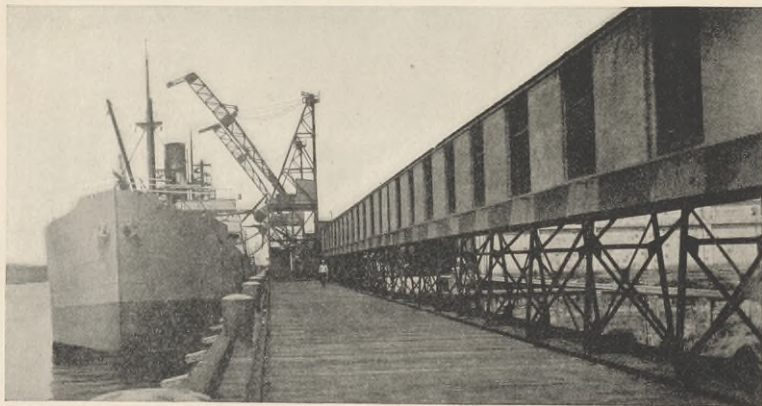
Fifteen New Cottages for Employes at Port Neches Works



First Aid Room, trained nurse in attendance, Port Arthur Case and Package Plant



Case Oil Storage, Port Arthur Terminal  
Upper conveyor delivering cases into warehouse; conveyor at right delivering to vessel



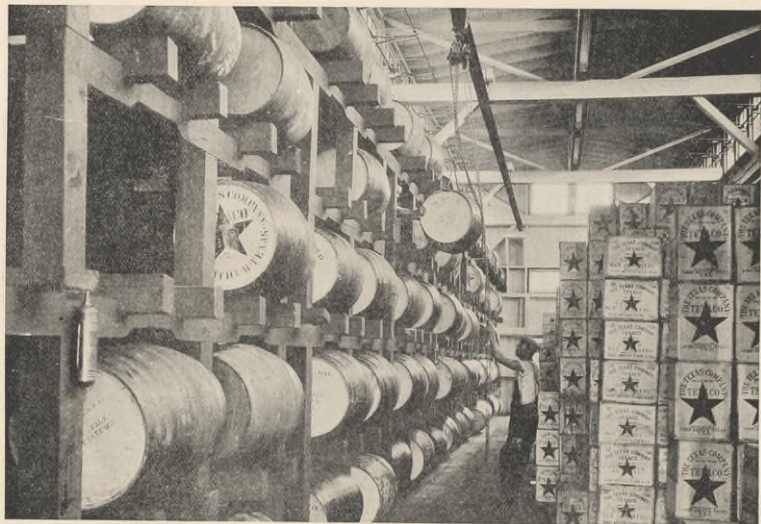
Shiploading Conveyors, Port Arthur Case and Package Dock



Galveston Terminal



Mobile Terminal



Warehouse, Mobile Terminal



Charleston Terminal





Case and Package Plant and Port Arthur Terminal



Shook Mill and Lumber Yard, Port Arthur Casing Plant, showing 3,000,000 ft. of case lumber



Morgan City Shook Mill—10,000,000 feet of case lumber in background



Port Neches Works

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RECEIVED

NOV 15 1954

1954



Port Arthur Works — Looking from Main Entrance



Port Arthur Works — Looking from rear of Plant



Port Neches Works





West Dallas Works



West Tulsa Works



Lockport Works — Looking North

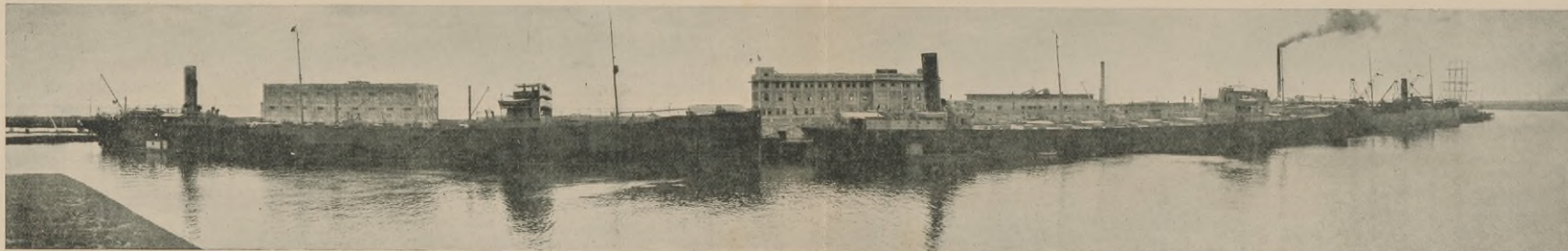


Lockport Works — Looking East





Port Arthur Terminal



Loading the *San Lorenzo* and the *San Melito* at Port Arthur Terminal, Sept. 25, 1916  
These are the largest tank steamers in the world, each 66 ft. beam and 587 ft. long; capacity of each 106,000 bbls. exclusive of fuel oil bunkers



Amesville Terminal



Jacksonville Terminal





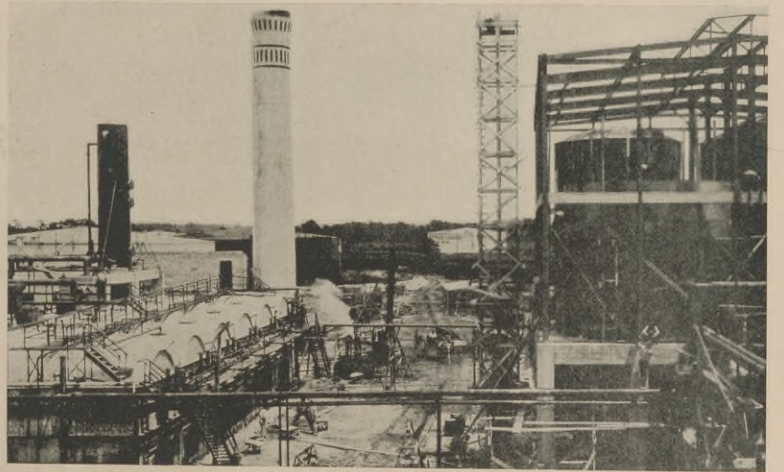
Shiploading Conveyor, Port Neches Works—Arthur Dock



Six 12,000-barrel tanks under construction at West Dallas Works



Norfolk Terminal—Asphalt Plant at Left of Center



Asphalt Plant Under Construction, Norfolk Terminal

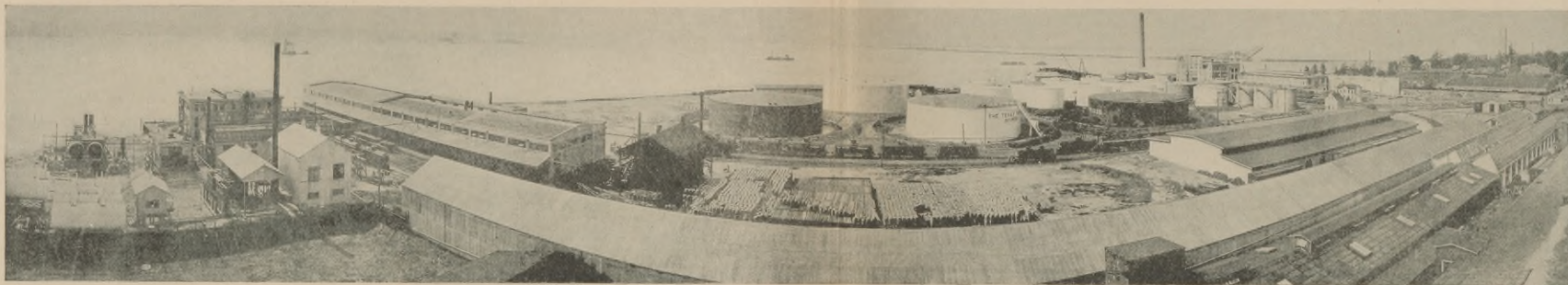


Baltimore Terminal

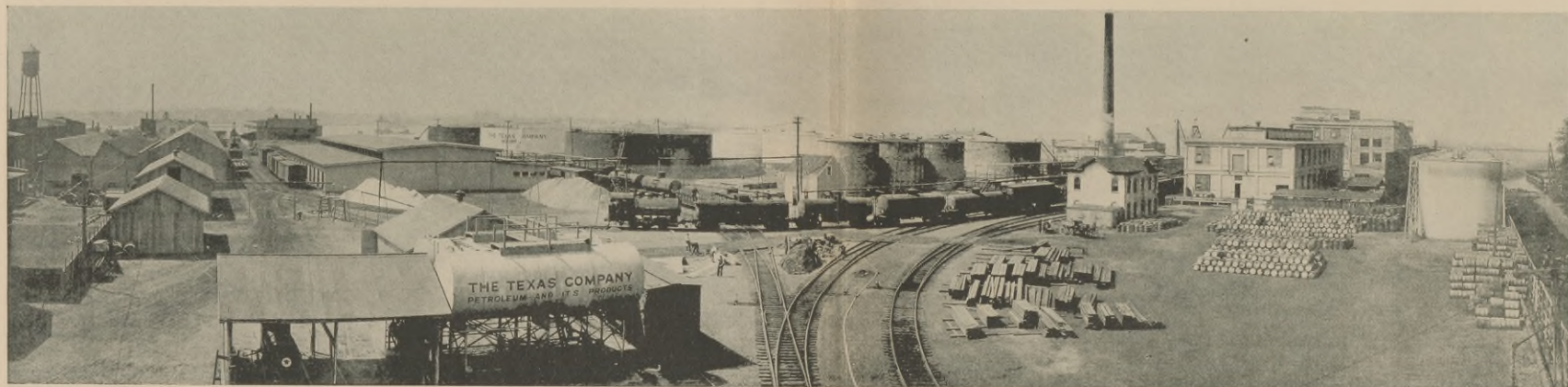


Delaware River Terminal—From Roof of Office Building





Bayonne Terminal—Laboratory and Felt Saturating Plant at left, Compounding Plant at right

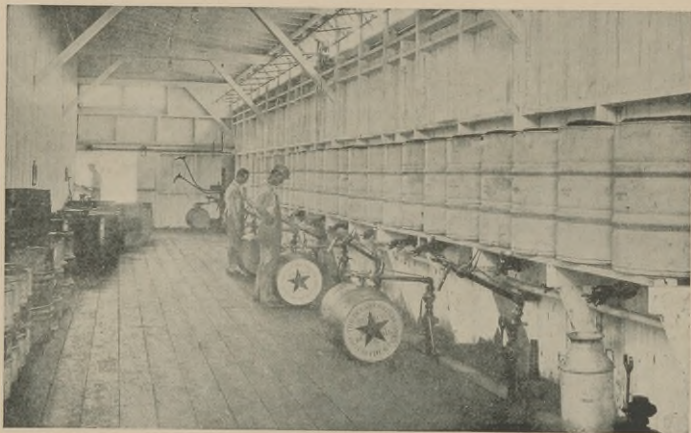


Bayonne Terminal

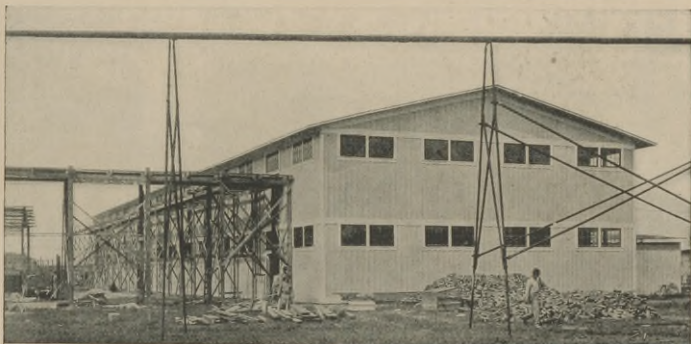


Providence Terminal





Filling Room, Mobile Terminal



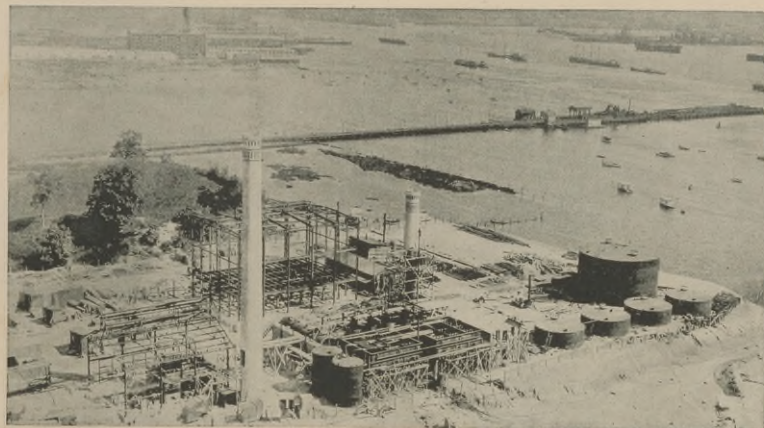
New Barrel Storage, capacity 36,000 barrels, Port Neches Works



Six 12,000-barrel tanks under construction at West Tulsa Works



Delaware River Terminal



Providence Terminal—Asphalt Plant Under Construction

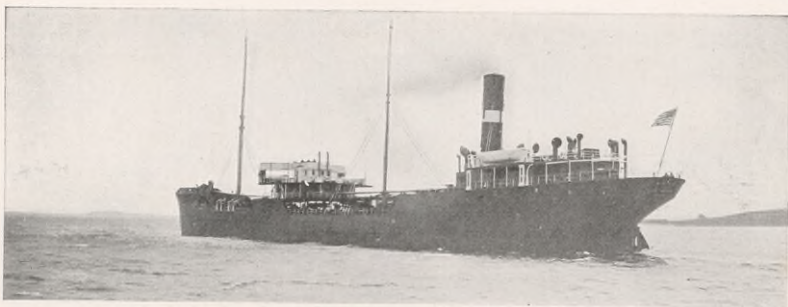


Portland Terminal



Tank Field—Portland Terminal

## TEXACO STAR



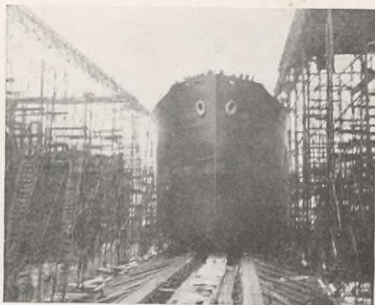
S. S. *New York* on her trial trip

### NEW CONSTRUCTION IN MARINE DEPARTMENT

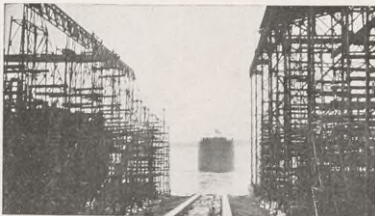
During the last fiscal year The Texas Company, or its subsidiary The Texas Steamship Company, had delivered to them the new ships *Texas* and *New York* and the sailing vessel *Kineo*, and the sailing vessel was converted into a motor vessel and rechristened The Motor Vessel *Maryland*.

Before this issue of the *Texaco Star* is in the hands of its readers, the barque *Edward Sewall* will be delivered to us. The *Edward Sewall*, like the *Kineo*, will be converted into a motor vessel, and her name will be changed in keeping with our practice of naming our power-driven freighters after States of the Union.

We have now under construction at the yards of the Fore River Shipbuilding Corporation two ships of the *Texas* and *New York* class, which are to be delivered to us



The *Texas* Starting Down the Ways



Clearing the Ways



Picked up by Tugs



S. S. *New York* immediately after launching—A typical ship of The Texas Company's fleet

## TEXACO STAR

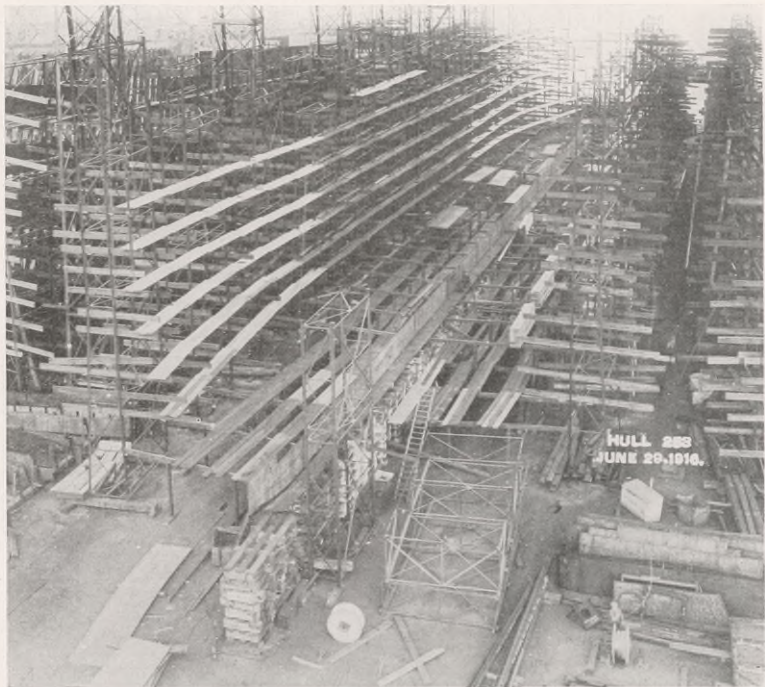


Two views of S. S. *Texas* on her trial trip



in the first half of 1917. We have two ships at our Bath Shipyard which will likewise be ready for service in the first half of 1917. At Bath we have arranged for the building of 6 more ships to follow those now building there. All of these new ships are of about 9,000 tons deadweight capacity

each, and represent all of the latest developments in ship construction.



Hull 253 June 29, 1916—The beginning of a typical ship of The Texas Company

DEPARTMENTAL NEWS

The Managers of the respective Departments have assigned to the gentlemen whose names and addresses are here given the duty of sending to the *Texaco Star*, on or before the twenty-fifth day of each month, reports of new appointments, transfers, removals, resignations, promotions, and other items of departmental news of general interest. Suggestions and information for this purpose should be sent to them before the twentieth day of the month. All are invited to co-operate.

- |                           |                              |
|---------------------------|------------------------------|
| Pipe Line Dept.           | A. M. Donoghue, Houston      |
| Natural Gas Dept.         | D. P. Harrington, Fort Worth |
| Fuel Oil Dept.            | E. B. Joyner, Houston        |
| Refining Dept.            | C. K. Longaker, Houston      |
| Marine Dept.              | E. C. Macmillan, Port Arthur |
| Legal Dept.               | A. R. Weber, New York        |
| Treasury Dept.            | J. S. Ballard, Houston       |
| Comptrollers' Dept.       | Lee Dawson, Houston          |
| Sales Dept., S. Territory | B. E. Emerson, Houston       |
| Sales Dept., N. Territory | P. A. Masterson, New York    |
| Export Dept.              | M. G. Jones, Houston         |
| Purchasing Dept.          | S. Slattery, New York        |
| Railway Traffic Dept.     | J. B. Nielsen, New York      |
| Producers                 | J. E. Byrne, Chicago         |
|                           | J. W. Painter, Houston       |
|                           | Delbert Leggett, Houston     |

**PIPE LINE DEPT.** J. R. Elliott, Oil Clerk, Houston Office, and Miss Hilda Salm, of Wichita Falls, were married Sept. 10, 1916.

Miss Ethel Whitley, in charge of the Seventh Floor Hall, and Mr. J. L. Pullen were married Sept. 30, 1916. The boys on the floor are all glad to know that the newlywed will continue with the Company as heretofore.

Vergil H. Mahan, Head Warehouseman at Gates, and Miss Lydia E. Duggan, of Dallas, were married Sept. 10, 1916 at the home of the bride's mother.

T. N. Word and R. V. Logan, of the Tulsa Office, have resigned to take positions elsewhere.

J. W. Holmes and Miss Ethlyn Fay have been added to the Tulsa Office force as stenographers.

Some employes in the Tulsa Office have organized a Bowling Team, and made entry in the City League, with members: Carl D. Ruff, W. C. Middaugh, C. J. McKerren, J. R. Goss, B. H. McCoy. The team is known as the "Texacos" and they are eager to bowl any other team anywhere in The Texas Company on even terms, comparing scores by mail and publishing results in the *Texaco Star*. Address all communications to W. C. Middaugh, Captain, Drawer J, Tulsa, Okla.

**MARINE DEPT.**

recent trip to Maine.

Vernon Corell has joined the Marine Department's stenographic force.

Secretary of the Navy Josephus Daniels paid a visit to our shipyard at Bath on his



Left to right: William Sewall, F. L. Hanks, Secretary of the Navy Josephus Daniels, Supt. Thomas Spence, and Foreman Machinist John Small, who is also Mayor of Bath, Me.

**REFINING DEPT.** Water shipments by The Texas Company from Port Arthur, Texas, month of September, 1916:

DATE	VESSEL	BARRELS Refined	DESTINATION
1st	Brg. Magnolia	7,050	Mobile, Ala.
1st	S.S. Georgia	50,218	Amesville, La.
1st	Brg. Tulsa	7,885	Amesville, La.
1st	S.S. Lucellum	45,546	Dartmouth, Eng.
2nd	S.S. Illinois	54,415	Delaware River
5th	S.S. San Gregorio	107,632	Dartmouth, Eng.
5th	S.S. Florida	10,603	Bayonne, N. J.
6th	S.S. Santa Amalia	14,167	London, Eng.
6th	S.S. Lompoc	74,099	Dartmouth, Eng.
6th	Brg. Dallas	17,493	Bayonne, N. J.
7th	S.S. Eifuku Maru	19,881	China
11th	S.S. New York	74,552	Providence, R. I.
12th	S.S. Northwestern	22,432	Amesville, La.
12th	S.S. Georgia	50,452	Amesville, La.
13th	S.S. Texas	69,935	Bayonne, N. J.
14th	S.S. Scillin	22,012	Italy
15th	Brg. Tulsa	7,915	Mobile, Ala.
16th	S.S. San Valerio	65,114	Dartmouth, Eng.
18th	S.S. Nettuno	47,759	Italy
18th	S.S. Northwestern	22,039	Bayonne, N. J.
19th	S.S. Illinois	50,749	Norfolk, Va.
20th	S.S. Tokio Maru	22,716	China
23rd	S.S. Pathfinder	18,124	South America
23rd	S.S. Georgia	23,271	Providence, R. I.
27th	S.S. San Melito	111,663	Dartmouth, Eng.
28th	S.S. San Lorenzo	104,992	Dartmouth, Eng.
30th	S.V. Three Marys	8,945	South America
30th	S.S. New York	71,111	Baltimore
30th	Miscellaneous	11,800	and Norfolk
Total		1,214,570	

A silver service consisting of 126 pieces in a handsome chest was presented as a wedding gift to Mr. and Mrs. C. K. Longaker by friends in all Departments.

B. C. Hackedorn, Clerk in Houston Office of Terminal Division, and Miss Roe-

## TEXACO STAR

melle Stoner, of Nursery, Texas, were married at Victoria, Texas, Oct. 7, 1916.

H. G. Lewis, formerly with the Producers Oil Company, has been appointed to a position in the General Office.

M. L. Harned, Civil Engineer, Port Arthur Terminal, and Miss Esther Appleby were married on August 22, 1916 at Syracuse, N. Y.

A new oil man has appeared in the person of little Jim Riscden, who arrived at The Texas Company cottage, Jacksonville, Fla., Sept. 1, 1916. Little Jim and his mother are in excellent health and "Big Jim" is the happiest man in "Jax."

B. H. Gray, stenographer at the Jacksonville Terminal, left Sept. 4 for a month's vacation during which he expects to marry Miss Ruth Spaulding at Frankfort, Ind.

C. E. Hasbrook, formerly at Jacksonville, is now at Providence, R. I.

Samuel Grauer, for a time at "Jax," is doing office work at Boston, Mass.

Melville C. Peck, Chemist in Laboratory Division, died on Oct. 3 from injuries suffered the same day in an explosion of a compound with which he was experimenting in the Bayonne Laboratory. His body, accompanied by Mrs. Peck, was taken to Lockport, Ill., where the funeral took place on Oct. 7. Mr. Peck entered the service of the Company as a Chemist at Port Arthur Works June 28, 1910; transferred to Lockport Works Dec. 27, 1911; to Bayonne Laboratory July 1, 1916. He was a graduate of Cornell University in Mechanical Engineering and Chemistry. An article by him on boiler efficiency appeared in last month's issue of the *Texaco Star*. He was a man of high character and great promise in his profession. All who knew him mourn his loss and extend heartfelt sympathy to his bereaved wife and family.

SALES DEPT. Houston District.—G. H. Horton, Stock Clerk Dist. S. TERRITORY Off., is the happy father of a 10-lb. girl.

Salesman D. T. Monroe deserves marked credit for his "Future Order" results, also for closing one of the best contracts recently closed in this District.

Transfers and appointments:

Creditman R. J. Landers, Houston District, to same, Denver District.

Creditman W. C. Samuels, Dallas Dist., to same Houston District

C. W. Leavitt, from Cashier Houston Station to Stock Clerk District Office.

B. G. Mew, from Agent Eagle Pass Station to Agent San Antonio, Texas Station, succeeding T. T. Hurt resigned.

J. A. O'Reilly, Agent Austin, Texas Station vice E. E. Rogers resigned.

R. W. Calloway, Agent Palacios, Texas Station vice M. S. Magee resigned.

El Paso District.—Salesman R. L. Howell will soon make a visit to some point in Arkansas. Of course, we are not asserting anything, but.....?

Transfers and appointments:

T. W. Jones, Clerk El Paso Station vice C. S. Jones resigned.

C. S. Meece, from Salesman, Roswell, N. M. to Agent Artesia, N. M. Station vice G. M. Shanks, transferred to Salesman, Arizona territory, headquarters at Tucson, Ariz.

Denver District.—All employes at Cheyenne, Wyo. and Colorado Springs, Colo. are to be congratulated on the manner in which they conducted our business during the rush periods of Frontier Week at Cheyenne and the Auto Races at Colorado Springs. It was necessary for the equipment to keep moving day and night to supply customers.



Tank Wagon Driver F. J. Green at Cheyenne, called on by the trade during Frontier Week for deliveries after midnight

Western Representative F. W. Freeman has been unfortunate this summer, first breaking one arm in an automobile accident, then falling when alighting from a train and spraining his other arm. With both arms injured he fell and wrenched his back. All are mending nicely, and we hope the Judge will soon be in first class shape.

Transfers and appointments:

W. G. Jolly, promoted from Equipment Clerk to Sales Clerk in District Office.

J. L. Cronin, formerly with Golden Eagle Dry Goods Co., appointed Equipment Clerk.

## TEXACO STAR

J. C. Adney, all-round man at Billings, Mont. Station, promoted to Salesman.

Geo. S. Filsinger, Warehouseman Butte Station, to Salesman, Butte, Mont., succeeding T. E. Wade, resigned to accept position of Ass't Mill Sup't, Butte & Detroit Copper and Zinc Mining Co.

Salesman J. C. Adney, in charge of new Forsythe, Mont. Station until an agent is appointed.

Oklahoma District.—Chief Accountant O. R. Parris has made a new line-up of the accounting force, by which he expects to establish a record for accuracy and efficiency that will not be surpassed by any District Office.

G. H. Palmer, of District Office, and Miss Edith Marie Vorhees were married August 1. We wish Mr. and Mrs. Palmer the utmost felicity.

Cashier R. T. Dattner, formerly of Houston District, purchased a fine Jersey cow, and the boys of the Office have been feasting on buttermilk. We trust that this Jersey will continue to furnish us with good fresh buttermilk.



T. T. Co. Stake Wagon No. 1157 at Hugo, Okla., dressed for Choctaw County Fair, Sept. 11-13, 1916—Agent B. L. Sweat holding reins, Driver C. E. Stell standing on the ground—The Star over the wagon is 8 feet tall



Exhibit at State Fair, Oklahoma City, Sept. 23-30, 1916

### Transfers and appointments:

Earl Walker, from Sales Desk Dist. Off. to Agent Oklahoma City Filling Station No. 1.

Harry Northcutt, of Dallas, to succeed Earl Walker.

G. W. Ware, Extension Clerk *vice* R. Tullis resigned.

Miss Clyde Harris, stenographer to Sup't Smith *vice* E. L. Davis resigned.

E. O. Hulsey, from Clerk and Warehouseman Durant, Okla., to Clerk Ft. Smith, Ark. Station.

Elmer Rousey, Clerk and Warehouseman Durant Station.

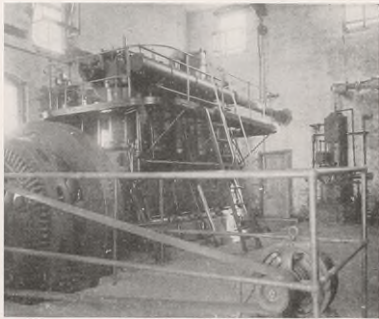
T. E. Meece, from Agent Pine Bluff, Ark. Station to Salesman, headquarters Oklahoma City.

W. T. Scott, promoted from Clerk to Agent Pine Bluff Station.

R. L. Foresee, from Clerk at Enid, Okla. Station to Salesman, headquarters Ft. Smith, Ark.

E. E. Dunmire, Clerk at Enid Station.

H. C. Tanner, Clerk at Hobart, Okla. Station *vice* M. A. Scott resigned.



Big Diesel Engine just installed in the Comanche Light & Power Company's plant at Lawton, Oklahoma. Lubricated with Texaco Urso Oil

New Orleans District.—Chief Accountant Ferguson has created enthusiasm in the Office force by use of new ideas acquired at the recent Chief Accountants' Meeting.

All agents are complimented on August reports, all of which were received on or before Sept. 2.

We are building an up-to-date Station at Patterson, La., and Construction Foreman Mosher expects to build two or three more in this District before winter.

Paul Delbasty, our Central American Representative, is showing good results in that section.

Gaston Musson, *alias* "The Roofing Man," has lined up good contracts with some large users of roofing.

Salesman McLaurin and Agent Cason of

## TEXACO STAR

Greenville, Miss. recently closed a large lubricating contract with one of the biggest planting concerns in the world, also contracts with 18 out of 20 compresses in the same section.

Agent Satterlee of Lake Charles lately broke his arm while cranking his flivver.

Transfers and appointments:

W. G. Craig, from Lub. Salesman in Florida to Engineer Salesman in Mississippi.

G. A. Karrayane, from Sales Clerk to Statistics Clerk *vice* L. J. Fleury resigned.

M. J. Reach, from Sales Clerk No. 2 to Sales Clerk.

A. T. Christy, appointed Sales Clerk No. 2.

Atlanta District.—Transfers and appointments:

W. C. Crenshaw, from Agent Waycross, Ga. Station to Salesman in Florida territory.

G. H. Nickles, from Clerk at Savannah to Agent at Waycross.

T. E. Horton, from Agent at Macon to Agent at Augusta.

M. B. Hammond, from Salesman Macon territory to Agent at Macon.

H. G. Thompson, from Agent at Augusta to Salesman Macon territory.

C. M. Bolling, from Dist. Off. to Clerk at Columbia, S. C. Station.

Billie Allen, from Clerk at Atlanta Station to District Office.

Otto Keener, Clerk at Atlanta Station.

H. J. Gibson, from Clerk at Waycross to Clerk at Savannah.

C. T. Summers, Agent Newberry, S. C.

A little girl arrived at the home of Homer Treadway in the latter part of August.

SALES DEPT. Boston District.—L. A. Jacobs is to make a thorough inspection of all stations, equipment, pumps, tanks, *etc.*, at points in New England; wherever necessary arrangements will be made for painting.

The Buchner Chapter of Crater Compound Club had an enjoyable outing in the Lynn Woods on Saturday, Sept. 23.

The Texaco Bowling League opens Friday evening, Sept. 29, six 5-men teams competing for the honors.

Transfers and appointments:

W. A. Houston, from Agent Pittsfield, Mass. to Agent Providence Refined Station.

A. L. Kennedy, from Agent Providence Refined Station to another department in New York.

A. B. Whitman, Acting Agent at Pittsfield, Mass.

S. S. Stoneking, Agent Hartford, Conn. Station, *vice* Acting Agent W. S. Brinsmade assigned to New Haven Station to be opened about Oct. 1.

F. M. Dow, Agent new Framingham, Mass. Sta.

T. C. Hyde, Agent new West Newton Station.



County Fair Exhibit, Worcester, Mass.



Agent C. E. Jones's "Texaco Clock" at Live Oak, Fla. "It looms up like a lighthouse in a fog. The body color is vermilion, the lettering aluminum."

New York District.—Friends of E. L. Holloway will be glad to hear that he has recovered from his recent serious illness, contracted while with the National Guard at Camp Beekman, and is on duty again.

Fine displays of Texaco products were exhibited at County Fairs in New York District under I. M. Williamson and staff.

A new member has been added to the Texaco Family in the appointment of Henry Van Laere, of Clifton, N. J., as Clerk at Passaic-Clifton Station.

Our efficient Office Boy John Reynolds took a trip to Albany and spent his time there learning how to become a good Filling Station Agent.

## TEXACO STAR



Naval Academy, Annapolis, Md.



Left to right: M. C. Van Gundy, Chief Chemist at our Port Arthur Works; K. G. Mackenzie, Consulting Chemist, Northern Terminals Offices, New York; F. J. Shipman, in charge of business with U. S. Gov't, New York, at Naval Academy

Norfolk District.—J. P. Costigans, who has been operating the power boat *Texas Ranger* in Norfolk Harbor for the last three or four years, has been transferred to the M. V. *Maryland* as Second Ass't Engineer. Jack left for his new position Sept. 18. He has been a good friend of the Sales Department, and we were all sorry to see him leave.

J. MacHenderson, who has been recruiting for Uncle Sam for the last four months, has returned to the Office. All are glad to see Mac back on the job.

F. J. Shipman, in charge of sales to the U. S. Navy, was in Norfolk Sept. 12 in connection with a large order through this Office for lubricating oils. Mr. Shipman was in Norfolk only a short time but was 'some busy man' while here.

We have again renewed contract with the Erwin Group of Cotton Mills in North Carolina for their lubricating requirements.

The Norfolk District Office is proud to report that they broke all their records for sales, collections, and cash sales in the month of August.

C. M. Brannon has entered the service as Equipment Clerk, Accounting Department, *vice* A. E. Capps resigned.

H. Muir has been transferred from Clerk at Hampton Station to Tank Wagon Solicitor at Richmond, Va.

Colonial Beach, Va. Station has been opened with W. P. Billingsley as Agent.

Chicago District.—The Chicago Office is being remodeled throughout.

Salesman F. E. Stewart, trooper in 1st Cavalry, has returned to Chicago from the border.

W. G. Heffron, Dist. Off., has been promoted to Tankwagon Record Clerk.

H. B. Pletz, Agent West Pullman Station, left the service Sept. 15.

Chas. J. Doerner, St. Louis Station, and Miss Theresa H. Niernman, of St. Louis, were married Oct. 4, 1916. Mr. and Mrs. Doerner are now at home at 516a Fassen Street, St. Louis, Mo.



Chicago-Archer Avenue Station in course of construction—Office and Garage

### EXPORT DEPT.

The continued growth of the Export Department has made it necessary for us to take over the offices of the Purchasing Department on the sixth floor. The Export Department is now occupying all the offices on the sixth floor facing Battery Park in addition to several offices on the seventh floor.

W. G. Moore was recently in Porto Rico on a short inspection trip. He reports the business conditions on the Island very favorable. All signs point to an abundant sugar crop which, with the high prices ruling, will mean unusual prosperity to a majority of the Porto Ricans.

W. B. Campbell has recently joined the

SUGGESTIVE INDEX OF CURRENT ARTICLES

THE MAIN INTEREST IS INDICATED BY CLASSIFICATION OR BRIEF COMMENT

Journals cited are gladly loaned, if in our library, to persons connected with the Company. The journal or journals called for will be sent by return mail, unless in the hands of some one who has made a previous request—and in the latter case, as promptly as possible. Please give full and exact mailing address.

- REFINING** The Refining Industry of the United States, by H. G. James—*Oildom*, Sept. 1916.  
List of, and data concerning, existing refineries and plant, under construction or proposed.
- SALES** "He Held His Men," by Daniel Louis Hanson—*System*, Sept. 1916.
- LUBRICATION** Temperature Affects Lubrication, by C. F. Kettering—*National Petroleum News*, Oct. 1916.  
Data on the Oxidation of Automobile Cylinder Oils—U. S. Bureau of Standards, Tech. Paper, 73.
- PAVING AND ROADS** Recent Developments in Bituminous Pavements—*Municipal Engineering*, June 1916.  
An extensive article differentiating and classifying various types of pavement.
- FUEL OIL** Oil Fuel, by E. H. Peabody—*Practical Engineer*, Sept. 1916.  
On forced draft and blowers in using oil fuel for generating steam.
- GENERAL** What 71 Years in Business Have Taught Us, by Cyrus H. McCormick, Pres. International Harvester Co.—*System*, Sept. 1916.  
Is Your Cost System Scientific? by Wm. E. McHenry—*Engineering Magazine*, Aug. 1916.  
Graphs That Short-Cut Your Work, by Carroll Dean Murphy—*System*, Sept. 1916.  
Visualizing the Essential Facts of a Business, by D. T. Farnham—*Engineering Magazine*, Aug. 1916.  
American Oil Fleet Numbers 250—Additions to the Tank Fleet—*Petroleum Age*, Sept. 1916.  
After completion of 72 bulk oil carriers, now under construction, Uncle Sam will take John Bull's place of primacy.  
Well Enough If Left Alone—*The Annalist*, Oct. 9, 1916.  
American shipping will become a great industry if the Government does not interfere.
- BOOKS** The American Petroleum Industry, by Raymond Foss Bacon, Ph. D., Director of the Mellon Institute of Industrial Research of the University of Pittsburgh.—Vol. I, 456 pp., 156 illustrations. Vol. II, 519 pp., 174 illustrations. Per set \$10.  
A comprehensive authoritative work, for study or reference, covering history, geology, production, refining technology.  
Principles and Practice of Cost Accounting, by F. H. Baugh, Box 682, Baltimore, Md., \$3.



Bamboo Tetty for Discharging Scale Oil—Hong Kong "Scale" is The Texas Company's registered brand in China



A Tallyman—The crates contain pieces of bamboo; each cooie carrying a load of cases from a boat receives a piece of bamboo which he delivers to the Tallyman on entering the godown or warehouse, and so efficient is this way of tallying that errors very seldom occur

staff of the Export Department. He left October 7 for Brazil to take up the duties of General Auditor of The Texas Company (South America) Ltd., relieving O. Guelcher, who will return to New York.

W. C. Guptil has returned to New York after having spent several months in Hayti.

**PRODUCERS** At a recent Directors' meeting held in Houston, Mr. Frank Cullinan, formerly Gen'l Sup't North Texas Division, was elected Vice President and Manager of Operations, with headquarters at Houston. He brings with him W. J. Hickman, who was Chief Clerk North Texas Division.

The Stork was a welcome visitor on Sept. 23 at the home of Mr. and Mrs. R. L. Pe-

veto and delivered to them a 9-lb. baby boy—Robert Sinclair Peveto.

W. H. Lyne, Jr., of Mexico, is the proud father of a son, W. H. Lyne, IV, born Oct. 1.

W. A. Kincheloe, Gen'l Sup't Mexico Operations, was in Houston during the last week of September.

E. C. Skinner, Warehouse Manager, formerly of Wichita Falls, and R. J. Topliffe, Chief Warehouseman South Texas and South Louisiana Division, who formerly resided at Humble, have moved with their families to Houston.

W. E. Hunter and G. E. Johnson, of the Houston Office, have been transferred to Tulsa for work in the Land Department of the Oklahoma Division.

# 1914

## BABY SPEED DEMON

# 1915

## MISS DETROIT

# 1916

## MISS MINNEAPOLIS

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