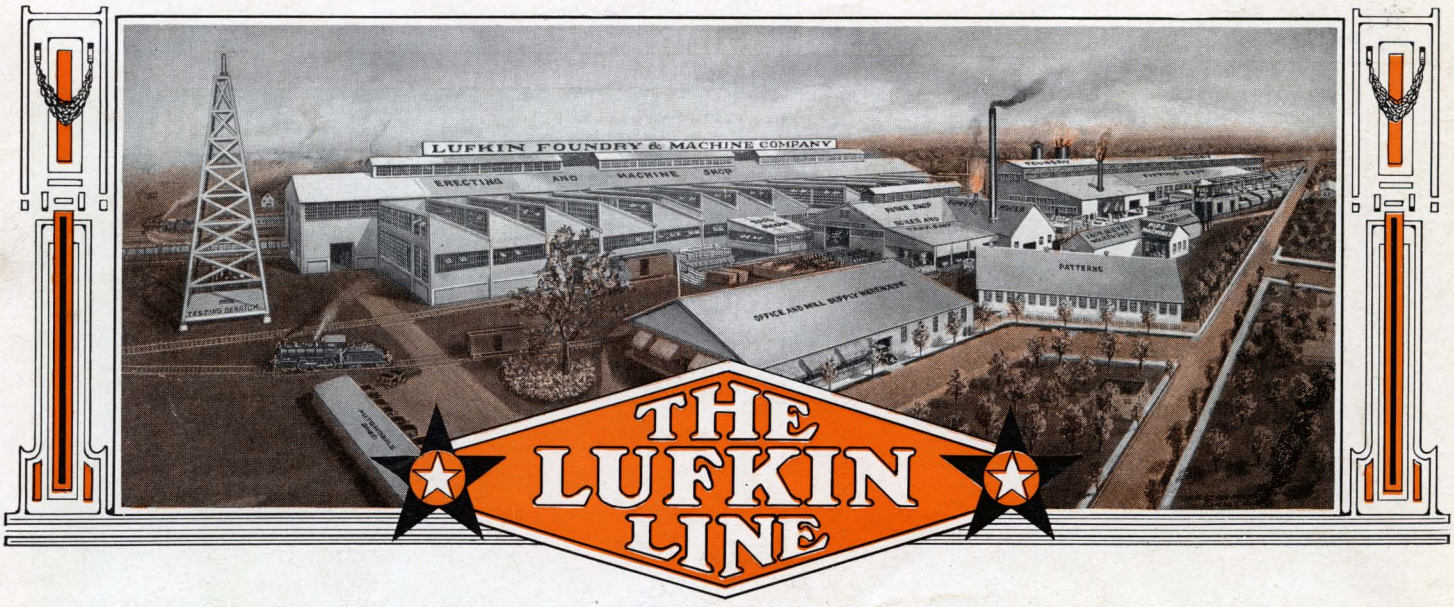
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THE LUFKIN LINE

Published monthly to advance and promote friendly service with the customers of The Lufkin Foundry & Machine Co., Lufkin, Texas

VOL. 9 JANUARY - FEBRUARY, 1929 No. 5

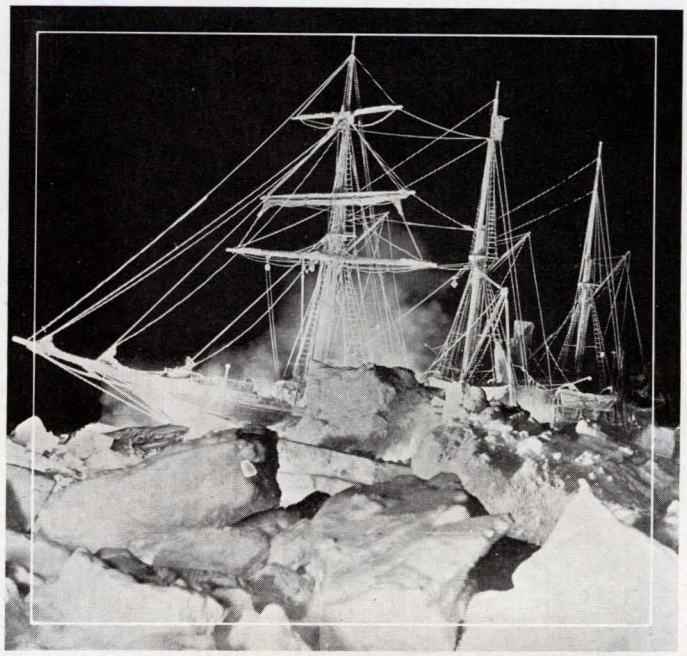


HOUSTON ASSOCIATION OF PURCHASING AGENTS VISIT LUFKIN

Lufkin was host to the Purchasing Agents Association of Houston November 19th, when approximately 85 of the members of the Bayou City association arrived on special train. Photo shows group lined up in front of new Angelina County Hotel over which the sheriff presides.

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Through Lens and Shutter



BYRD EXPEDITION FACES TREMENDOUS HARDSHIPS ON SOUTH POLAR EXPLORATION VOYAGE

Remarkable photo shows the valiant but vain quest for the Pole by Shackleton's Brave Men (1914-1916)

Photo Shows: A phantom ship—a marvelous night photograph of Shackelton's ship, the Endurance, caught in the ice in Weddell Sea, where it finally sank. The remarkable lighting was furnished by an oil fire at the bow and a great amount of flash light powder.



THE OUT-OF-DATE AND THE UP-TO-DATE

The one a curiosity and a reminder of the "good old days"—the other? Well its the latest thing in dresses and the subject is not hard to look at.

Steamer Larsen

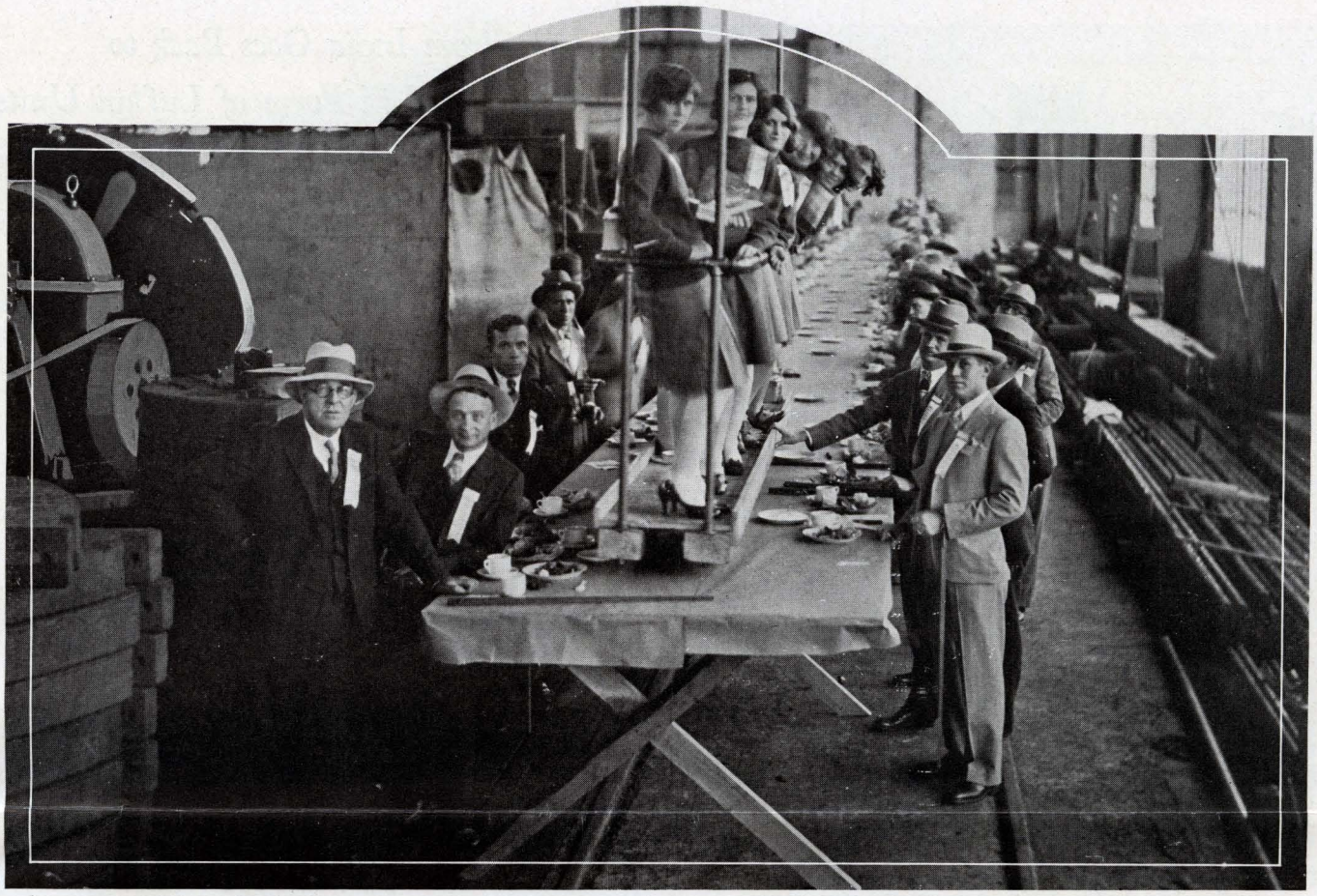
STEAMER "LARSEN" ADDED TO BYRD ANTARCTIC EXPEDITION:—WAS LARGEST NORWEGIAN STEAMER AFLOAT

New York City—Photo Shows: The 14,000-ton steamer, "C. A. Larsen," which was presented to the Byrd Antartic Expedition by Magius Conow. It was formerly a whaling ship and the largest vessel flying the Norwegian flag afloat.



Photos by Underwood & Underwood

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LUNCH SERVED IN PLANT OF LUFKIN FOUNDRY & MACHINE COMPANY

Photo shows Purchasing Agents lunching in one end of the Machine Shop of the Lufkin Foundry & Machine Company. Buns, coffee, sugar and cream were served from an elevated platform by six beautiful high school girls. The platform was propelled by a 15-ton electric overhead traveling crane and was later "dubbed" the Trout "Chicken Coup." Note A. M. Bowman, President of the National Association of Purchasing Agents is distinguished by lining up in front of Lufkin Unit.

Purchasing Agents Visit Lufkin As Guests of Its Industries

The Industries of Lufkin were very glad of the opportunity to entertain the Purchasing Agents of the Houston Association and with exceedingly pleasant weather proceeded to do so in a fashion not exactly expected by the visitors—we refer to the mode of transportation by means of which they were "carted" from Industry to Industry to view the reason for the census report of 1920—that of Angelina County, of which Lufkin is the County seat, being second in the State in number of men industrially employed. But Professor Coston told the visitors all about Angelina County and Lufkin, so why repeat? Frank Carothers to the contrary, notwithstanding.

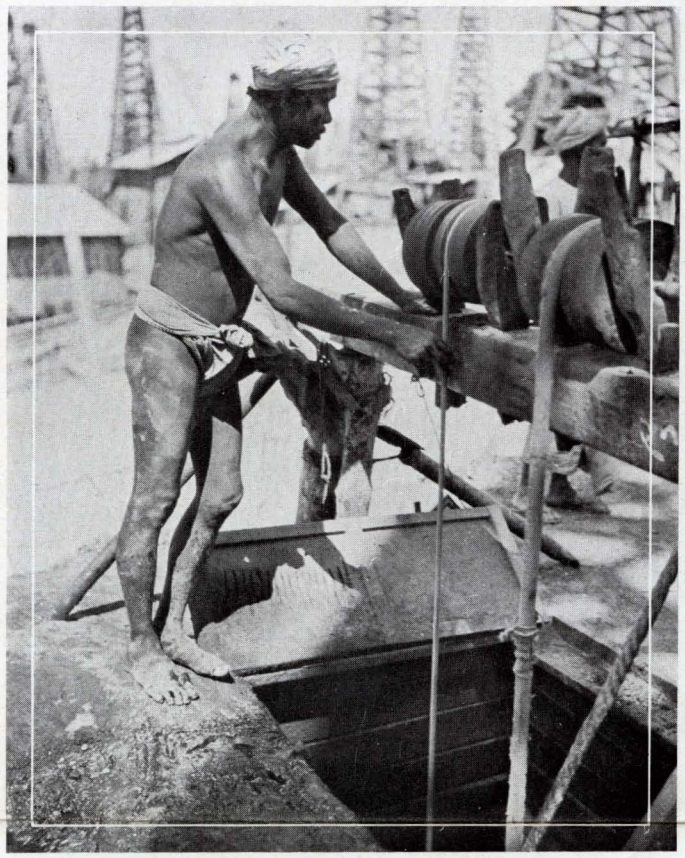
Lufkin and Angelina County boasts of the largest saw milling interest in the South, the largest Wagon Works of its kind anywhere, to say nothing of the Lufkin Foundry & Machine Company, concerning which modesty only prevents us saying, is the largest Foundry and Machinery Manufacturing concern of its kind in the Southwest and the fact that it is the World's largest manufacturer of Worm Geared Pumping Unit need not be added.

Lufkin has entertained the "P. A.'s" before and has always found them a jolly good bunch of fellows—we were happy to be their host again.



Lufkin Exhibit at the Tulsa Oil Show—(A. P. I.)

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This Native of India will view modern method of pumping oil wells when Lufkin Units, now on the way, arrive.

Native Burmese at Yen-An-Young, great oil field on the Irawaddy River, operate open wells on small bits of ground not controlled by the Burma Oil Company. Each well owned by a corporation is on a circular ground concession. Naturally the circles cannot cover all the ground, and between them natives dig open wells. Many of them 300 feet deep. Here is a native at the mouth of an open well.

—Photo by Cowling, from Ewing Galloway.

JOHN D. BEST

Now in charge of Odessa Warehouse

Of interest to our friends in West Texas is the recent change in service men at our Odessa Warehouse. John D. Best succeeds Louie Douglass who recently resigned.

Mr. Best is a practical mechanic, has had considerable experience in the oil fields and recently completed a course in our plant which qualifies him for a first class service man.

"John D," as he is intimately known to his friends, is keenly alive to the needs of the oil fraternity and stands ready at all times to be of service .

Pig Iron From India Goes Back to Native Land in Form of Lufkin Units

India produces a very high grade Pig Iron of an analysis not to be found in the Southern United States. It is from this Pig Iron, mixed with domestic iron, that Lufkin Units are made.

It is quite interesting then to find this same Pig Iron, that came to this country in a raw state, go back to its native land in the form of Lufkin Units for its oil fields. Nothing unusual however about Lufkin Units going to India, for Lufkin Units are to be found in every important oil field of the world.

The Changed and Changing South

In opening the Southern Conference on Education President Chase of the University of North Carolina called attention to the fact that it is not merely in a political sense that the once solid South is breaking up. He pointed to the changes in outlook and in social and industrial order which are steadily differentiating States like Virginia and North Carolina from others like Mississippi and Louisiana, and he predicted that within another generation the South would be less homogeneous than the Middle West.

There is reason to believe that Doctor Chase is very conservative in his prediction. It is possible that the South is already less homogeneous than the Middle West, though this may be hard to prove. Yet the vast region extending from the Potomac to the Rio Grande has a much greater variety of climate, soil and resources, and possibly also people, than the Mississippi Valley north of the Ohio. It is customary in the North to regard the South as a closely knit social and economic unit, perhaps solely for the reason that during the past half century it has usually voted as a unit. It does not follow that because people mark their ballots the same way in a national election they are alike in most other respects.

Both Texans and Virginians call themselves Southerners, but they are no more alike than Pennsylvanians and Californians. Even in the single State of North Carolina there is as much difference between the mountaineers of the Blue Ridge and the fishermen of Pamlico Sound as there is between the people of Maine and of Iowa. The South, in short, is not the simple land of cotton, Negroes and planters that we read about in fiction, and it has long ceased to be such—if it ever was.—*New York World.*

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To meet the demand for a Unit for pumping only where tractors are used for pulling, the Lufkin Stripped Units are found to be ideal. These Units contain our regular gear equipment and operate in every respect as efficiently as our Standard Units.

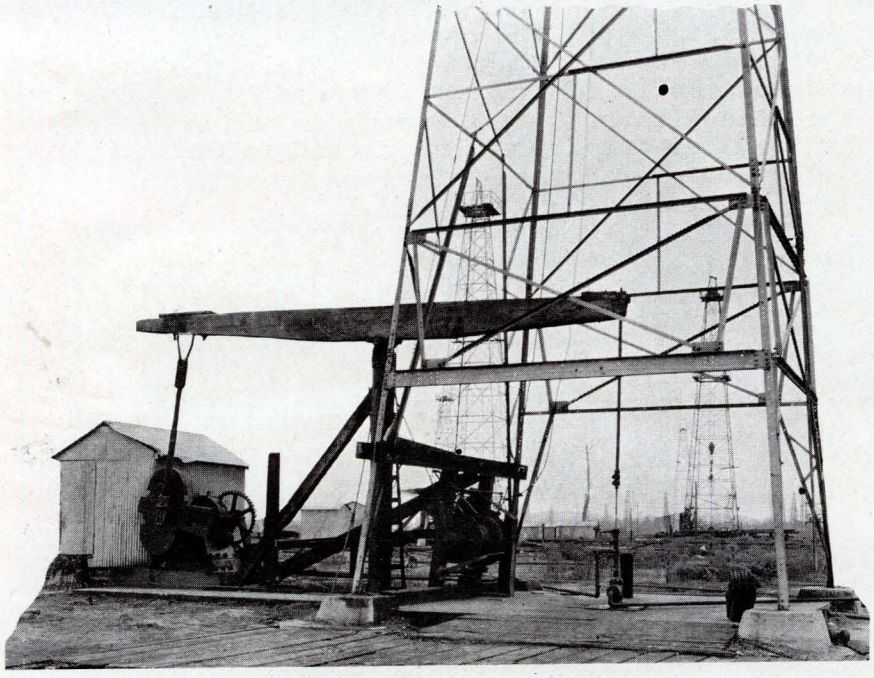
A New Lufkin Unit For Pumping Only

The New Lufkin Unit for pumping only has met with instant success. This Unit is called our S. S. and S. I. Units, being manufactured in two sizes. Our regular worm gear equipment is used in these units and are, in every mechanical way, identical with our 4½ and 5½" Units except Hoist sprocket, Outboard bearing and base have been eliminated. The same gear ratios can be used in the new Units with our distinctive Counter-Balanced Crank.

Photo also shows the new Post and Beam especially designed to work with the new Units. Note the "headache" post attached to Samson Post. This will be standard equipment on all Lufkin Posts and can be adapted to posts now in use at a very small cost.

Samson Post and Beam Especially Designed

The Samson Posts and Beams used with Lufkin Units are especially designed for such use and to receive full efficient service from the entire equipment this fact should be borne in mind. Posts and Beams of varying weights and sizes are designed for our various sizes of Units and are regularly carried in stock.



RECENT HUMBLE INSTALLATION

GUEDRY No. 20, Daisetta, Texas, of the Humble Oil & Refining Company. Lufkin equipment is our Standard Unit and Gulf Coast type Hoist. Note the neat concrete floor, steel derrick, etc.

Ideal Installation Lufkin Baby Unit

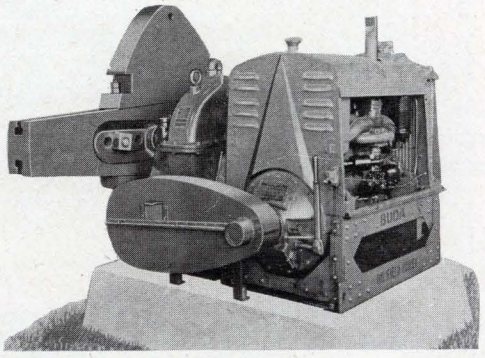


Photo shows Baby Unit connected to No. 22½ Buda Engine by means of silent chain drive. This same type of installation can be effected by means of "V" type belt for Electric Motor.

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THE LUFKIN LINE

A Satisfied Customer

OFFICERS & TRUSTEES
A.T. JERGINS, PRESIDENT
C.M. COTTON, VICE PRESIDENT
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RALPH H. CLOCK, SECRETARY
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1115-1120 SECURITY BLDG.
TELEPHONE 63203

FIELD OFFICE
MUNICIPAL OIL LEASE

A. T. JERGINS TRUST

A TRUST

PRODUCERS OF PETROLEUM

LONG BEACH, CAL.

Long Beach, California.
November 23, 1928

Mr. E. P. Trout, District Manager,
Lufkin Foundry and Machine CO.,
1104 Commercial Exchange Bldg.,
Los Angeles, California.

Dear Mr. Trout:

We have just recently made some tests on your No. 14 Heavy Duty Hoist on one of our wells at Signal Hill and thought you would be interested in the results obtained. We are drilling this well with electricity and are using your equipment as an auxiliary and to handle the drill pipe. The Unit is connected by means of a chain adive from a steam engine to an extension shaft and sprocket connected to your fly wheel.

The driller was not familiar with your equipment, and in order to convince him, as well as ourselves, that your Hoist would handle the drill pipe in case anything went wrong with the electric rotary end, we made some pulls on the 11 5/8,60# casing after it had been cemented at a depth of 3200 feet. We had a Martin-Loomis dynamoneter installed on the dead line to the rotary drum and lifted a load of 27.500 pounds to the line with ten lines strung in the derrick. The clutch handled the load very easily with a considerable amount of reserve power. The brakes worked very satisfactory with little weight required on the lever to handle this load.

We are very pleased with the results of this test and it relieves us of any doubt which we might have had concerning the ability of the Hoist to handle the heaviest string of pipe on an 8000 foot well.

Trusting the above information will be of interest to you, we are,

Yours very truly,

A. T. JERGINS TRUST

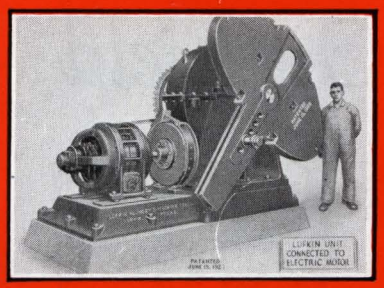
Thos. E. McCarty

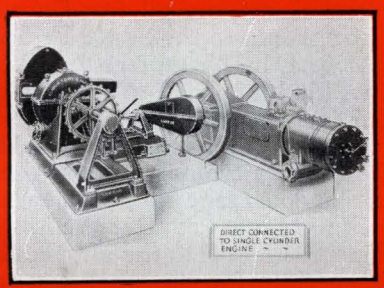
Superintendent.

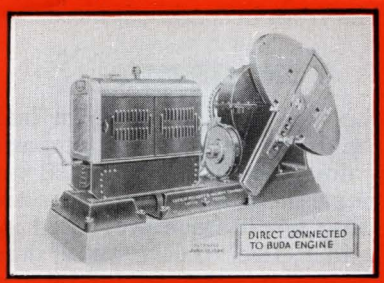
THE A. T. JERGINS TRUST IS A TRUST ESTATE. THE ARTICLES CREATING IT VEST CONTROL OF ITS AFFAIRS IN A BOARD OF TRUSTEES ACTING UNDER A DECLARATION OF TRUST RECORDED IN BOOK 938, PAGE 266 OF OFFICIAL RECORDS OF LOS ANGELES COUNTY, CALIFORNIA (REFERENCE TO WHICH IS MADE). SAME PROVIDES THAT THE ENTIRE TRUST ASSETS SHALL BE CHARGED WITH THE PAYMENT OF ALL LIABILITIES AND EXEMPT THE TRUSTEES AND UNIT HOLDERS FOR PAYMENT OF SAME.

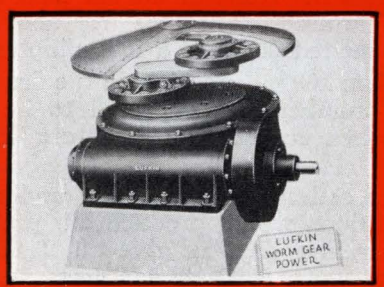
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LUFKIN









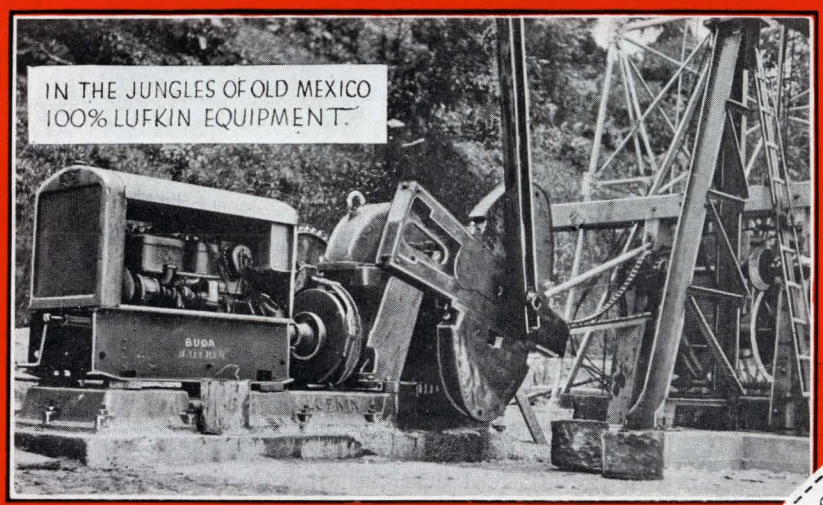
Five Full Years

THE Lufkin Unit, perfected as it is, represents five full years of experience and development in every important American and many Foreign oil fields—plus the advantage of having over 800 in successful operation under the constant observation of our field men.

This experience together with constant "*proving*" in our own factory has resulted in a Pumping Unit having *outstanding advantages* over the old standard rig.

Lufkin Units are no experiment as its many users will testify. You buy *results* when you buy Lufkin Units.

And this is also true of our Hoists and other auxiliary equipment.



Manufactured at Lufkin, Texas, by

THE LUFKIN FOUNDRY AND MACHINE CO.

THE LUFKIN LINE

District Offices

Tulsa, Okla. Houston, Texas

THE LUFKIN LINE

Los Angeles, Cal. Seminole, Okla. El Dorado, Ark. Odessa, Texas New York, N.Y.

Use Scissors Here

We are interested in Economical Oil Production equipment.

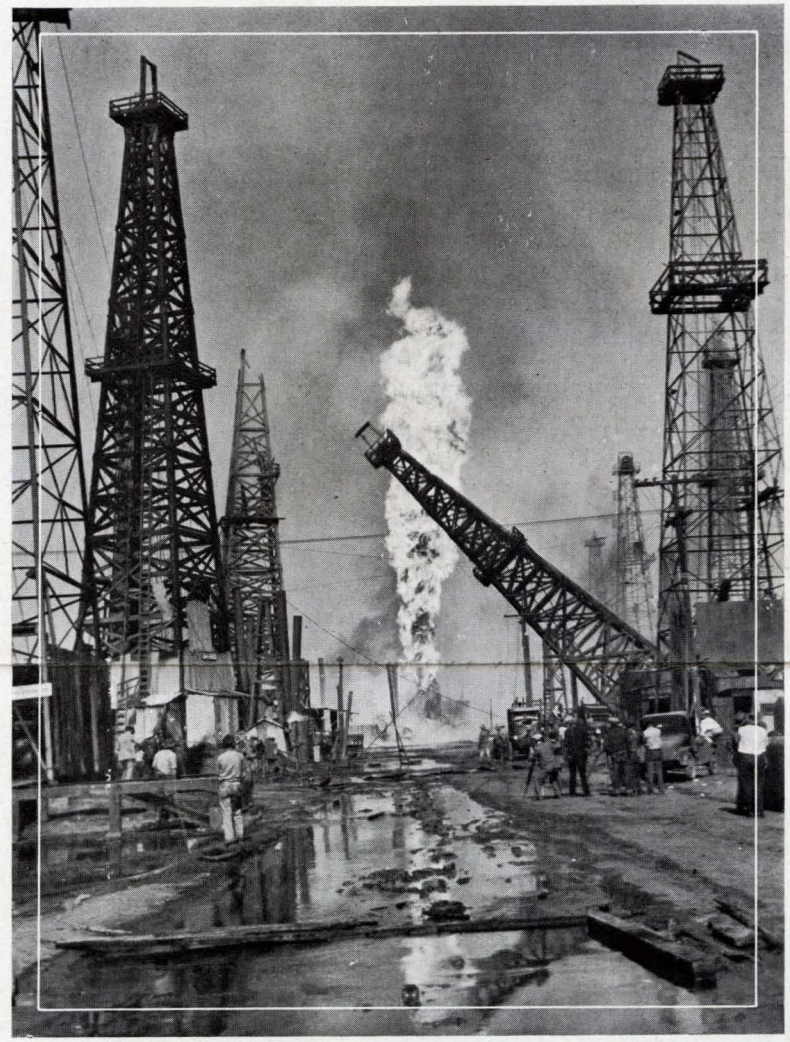
PLEASE SEND COMPLETE CATALOGUE

NAME _____ COMPANY _____ CITY _____ STATE _____

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Another Disastrous Fire in California Oil Field

Second Outlaw Oil Well Fire Breaks



Remarkable Action Photo of Second Outlaw Oil Well Fire at Santa Fe Springs

Oil derrick caught in midair as it toppled over from vibration caused by second outlaw oil well at Santa Fe Springs—a well owned by the Bellview Oil Company. Workmen have attached steel cables to rig on left preparatory to pulling it over. All that remained of the 108-foot derricks after they fell was a pile of splinters.

E. P. Trout, manager of our California office, 1104 Commercial Exchange Building, Los Angeles, spent the holidays with relatives in Lufkin and attended the annual sales conference of the company. Edward returned with a host of information gathered first hand, of the latest improvements in Lufkin Equipment and important developments that are under way.

The second disastrous oil fire since Sept. 1st, burst into flames in the Santa Fe Springs district, at 3:10 a. m. November 9. The well is located within half a mile of the Getty well that burned for nearly two months before it could be capped. Nine wooden derricks and a score of steel rigs crumbled under the heat of the blast and damage mounted to nearly $500,000 within two hours after the fire started. Shooting 200 feet into the air, the flames made it impossible for the workmen to approach within a block and all efforts were turned toward preventing other rigs and nearby tanks from becoming ignited.

TONS OF MUD

When the well blew in, the crew had just removed the drill pipe and were preparing to run tubing down the hole. The well was expected to come in within a few hours and the capped tubing would have prevented it from running wild. The underground pressure, however, was too great to hold back any longer and it tore to the surface, pushing tons of mud with it. None of the six crew members was injured. The steel rig above the Bellview melted down in a few minutes.

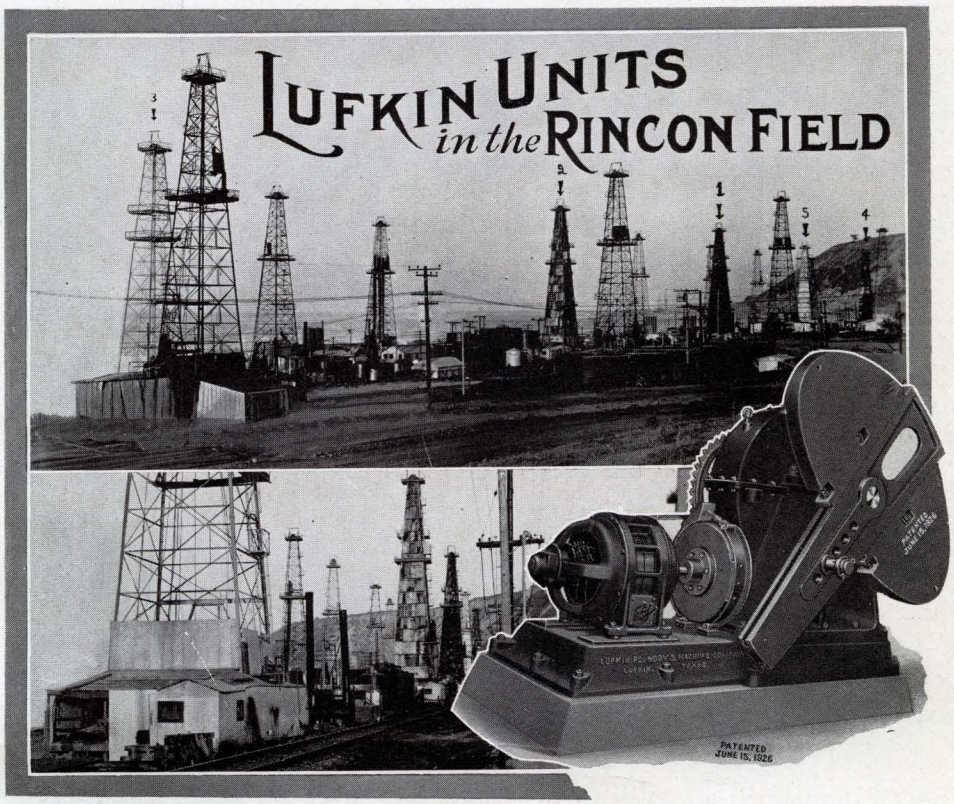
More than 100 men worked in the fire zone, and this number was expected to be augmented when engineers formulate a definite plan.

Oil men estimate that the well under normal conditions would produce oil, probably 10,000 barrels a day, an give off 25,000,000 feet of gas under 2000 pounds pressure.

The drilling rig was electrically operated and said by oil experts to be one of the best equipped on the field.

Electricity caused by friction of the rocks rushing up the metal casing arched from the damp early-morning air above the well to the ground and caused the gas to ignite, according to C. C. Horton, secretary-treasurer of the Bellview company.

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RINCON FIELD SHOWING DERRICKS, PACIFIC OCEAN AND MOUNTAINS

Upper Left: Rincon field, arrows point to wells equipped with Lufkin Units. Lower Left: Another view of Rincon Field. Lower right is type of Lufkin Units used in this field which is our Heavy Duty type with Electric Motor Drive.

Rincon Field

By E. P. Trout

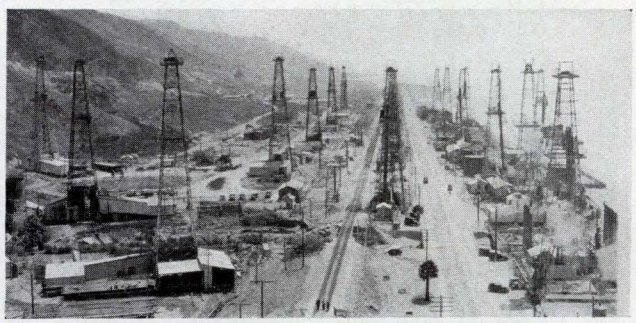
Rincon field is located at Seacliff, California, which is eight miles directly north of Ventura on the coastal highway.

This field has not been a very profitable investment for the oil companies who have spent millions trying to locate the main pool. They are under the impression that the bulk of the oil lies under the water and cannot be raised without an enormous expenditure for wells drilled out in the ocean.

The major companies operating in this field consist of the—Petroleum Securities, the E. J. Miley Corp., who sold out to Petroleum Securities, the C. C. M. O., General Petroleum Corp., and the Standard Oil Company, who has leased the right-of-way of the Southern Pacific tracks.

The formation is very hard, particularly around 2000 feet and it requires from 50 to 90 days to drill a well 3200 feet deep. Production is obtained from 3200 feet but there is another sand at 4700 feet which is not a paying sand. The wells will not flow naturally but will yield from 300 to 800 barrels by means of the gas lift. However, the wells do not seem to hold up very long and a majority of the wells in the field are being pumped from the beam.

Lufkin Heavy Duty Units and No. 14 Hoist are particularly adapted to this field and are being installed by the larger operators.



Another view of the Rincon Field, showing particularly the derricks in the right-of-way of the Southern Pacific which has been leased by the Standard Oil Company of California. Engraving by courtesy the Standard Oil Bulletin.

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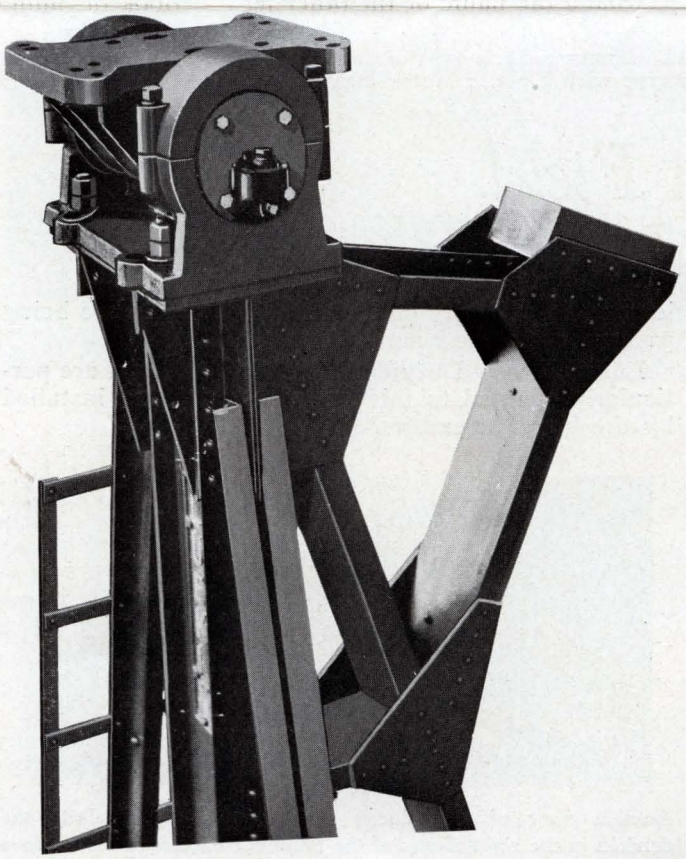
About the New Lufkin Samson Posts and Center Castings



As this goes to press the new Lufkin Samson Post, in three sizes, is well into production. All posts are of the Self-Supporting type with "headache" post or bumper and includes the New Lufkin Center Iron.

Lufkin Posts are in demand everywhere, even where equipment other than our own has been specified.

Write for full details and price.



New Lufkin Center Iron and "Close-up" of "headache" Post or Bumper.

The New Lufkin Center Iron

The New Lufkin Center Iron, like the Trout Pitman, has been designed to give lasting service. Incorporated in its design are such features as:

SELF-LUBRICATING
DUST-PROOF
OIL-TIGHT
SWIVEL-BASE
BUILT TO A. P. I.
SPECIFICATIONS FOR
BEAM ATTACHING.

Write for full information and detailed description.

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Here's the Jokes

The First Thing I Look For

(Ed.)



"Ye gods! Why did you ditch that queen you had and get a homely nut like that old hen for your stenog.?" exclaimed the friend of the boss.

"To keep from going into bankruptcy," he grinned; "the homely nut does six times as much work as the queen did, and the clerks and I are doing six times more work than we did while she was here."

Fiddler: The leading lady seems to have a break in her enunciation this evening.

Orchestra Leader: Say, you keep your eyes on your music.

Boss—"Why can't you read that part of your shorthand notes?"

Stenographer—Don't you remember? That's where you tickled me.

"Can you drive with one hand?" asked the girl in a gentle voice.

"You bet I can," he answered eagerly.

"Then have an apple," she said sweetly.—Selected.

Do you notice how seldom you hear of divorce in a home where there are pencil marks on the walls and jam on the piano keys?—Exchange.

It is found that 40 per cent of the homes in this country are without automobiles. Investigation would doubtless show that a much larger percentage of the automobile owners of the country are without homes. —Argus.

Lost—A fountain pen by a young man full of ink. Return to Review office.—Classified ad in the Towanda Review.

"Say," one neighbor asked another excitedly, "do you know a fellow down your way with one leg named Oliver?"

"I'm not sure," returned the other doubtfully, "what's the name of the other leg?"—Book of Smiles.



Saleman with a "Sagging Chest" gets an Idea—T.P.A. Magazine

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LUFKIN

Five Years Ago!

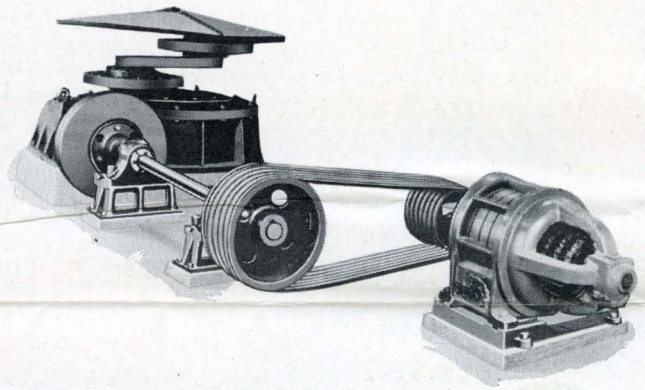
Five years ago the first Lufkin Worm Geared Pumping Unit was installed by the Humble Oil & Refining Company. Today that same Unit is still in use and going strong. The Lufkin Unit of today represents the perfection of that original Unit with improvements here and there that have added to its efficiency.

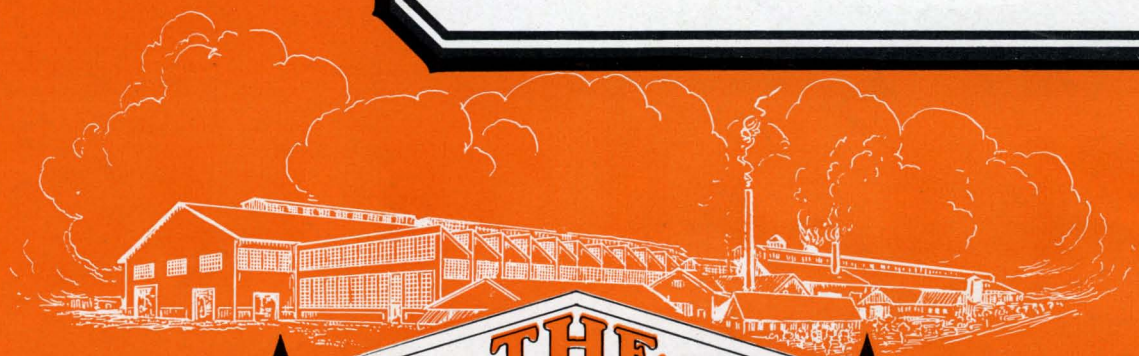
Lufkin Units were not only the first to replace the old standard rig but were the originators of the Counter Balanced crank. The experience of the past five years in cooperation with the men in the field and constant "proving" in our own plant is the secret of the success of the Lufkin Unit.

Lufkin Units are made in various sizes and styles with a unit for every well condition.

Lufkin Worm Geared Power with Electric Motor Drive by means of "V" Belt.

Lufkin Powers have outstanding advantages over the old band wheel power. May we tell you about them?





THE LUFKIN LINE

Manufactured at Lufkin, Texas, by

THE LUFKIN FOUNDRY AND MACHINE CO.

District Offices

Los Angeles, Cal. Tulsa, Okla. Houston, Texas New York, N. Y.

Seminole, Okla. El Dorado, Ark. Odessa, Texas