

The Lufkin Line

Vol. 9

DECEMBER-JANUARY 1929-30

No. 9

WOW!

WOTTA CHRISTMAS
JUST WHAT I
WANTED!!

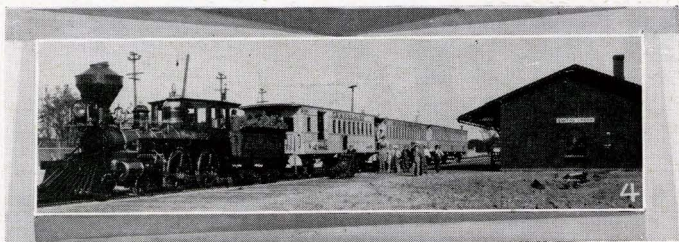


JACK
BAGNALL
CALIFORNIA





DAYS OF OLD RE-ENACTED AS WORLD HONORS
THOMAS A. EDISON DURING LIGHT'S
GOLDEN JUBILEE



Antique locomotive "Sam Hill" as it pulled its old cars into Smith's Creek, bearing Thomas A Edison, President Hoover, Henry Ford and other notables for the re-enactment of the invention of the Electric light during Light's Golden Jubilee.

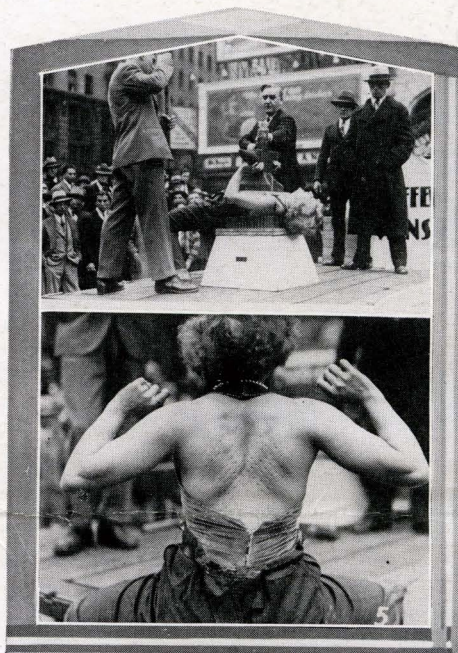


Thomas Edison and party upon arrival at Smiths Creek. Left to right—Mr. Ford, engineer, Mrs. Edison, Mr. Edison, President Hoover and Mrs. Hoover. Picture taken alongside old train which took them to Mr. Ford's village of long ago.



Reconstructed Edison laboratory at Dearborn. It was in this building that the fingers of Thomas Alva Edison magically woke the world to a new brilliance fifty years ago. During the celebration Mr. Edison stood again over the battered work table and with trembling hands reconstructed his first incandescent lamp.

Through
Lens and Shutter



"Boiler-Shop Massage" Good for Weak Backs.

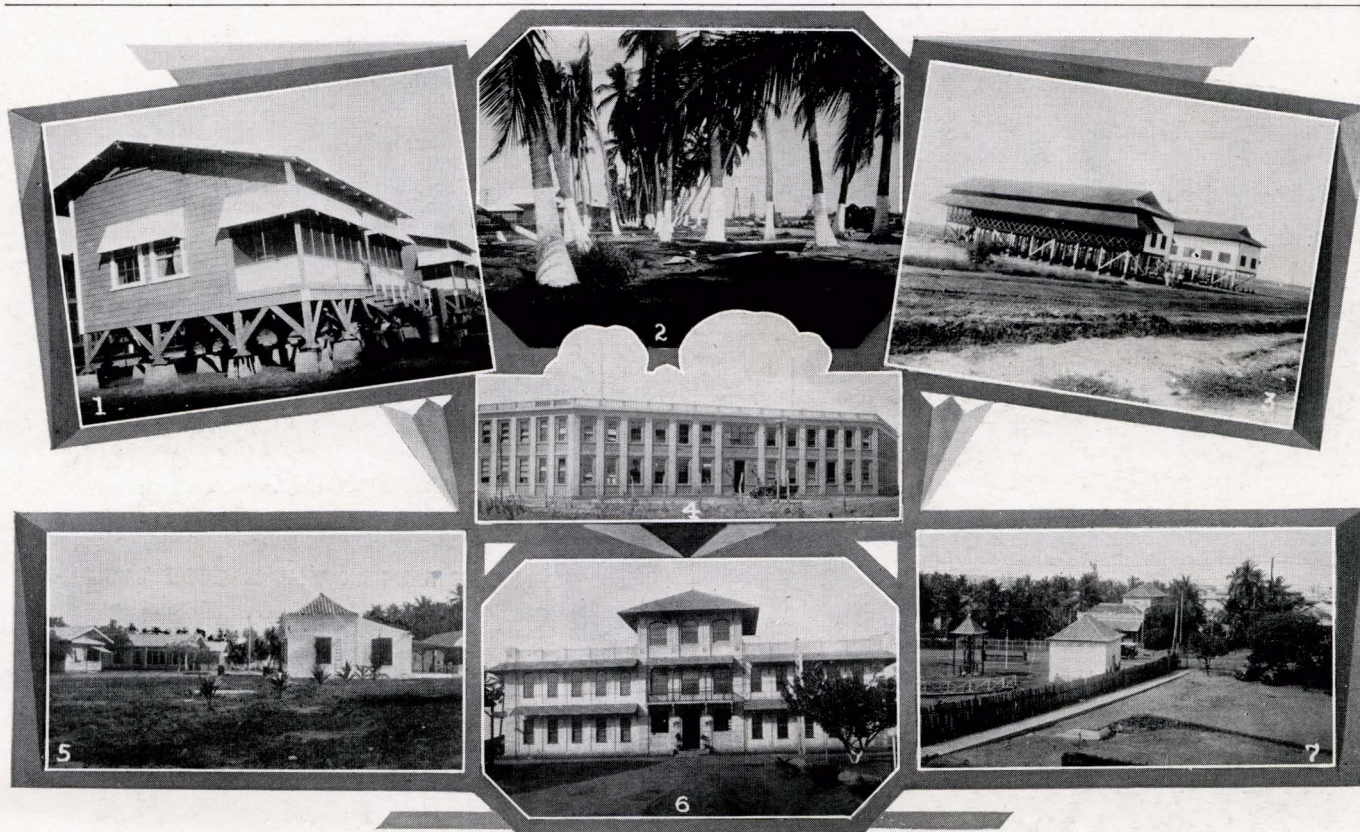
The unbelievable show which amazed Broadway crowds at Longacre Square when Rose Schaeffer showed she could go any Indian Fakir one better. Her back stripped to the waist, she lay on a bed of sharp nails while her brother Willie (left) and an assistant pounded on a heavy anvil placed upon her chest. Below, the porous plaster effect on Rose's back.



Greatest Ice Jamb in History of Niagara Falls.

Photo shows the tremendous ice jam—the greatest in the history of the Falls in the gorge below. The jam reaches up to the guard rails some 70 feet above the gorge. All of this ice tumbled over the Falls.

Photos by Underwood and Underwood and through courtesy of Ford News.



VENEZUELA PUBLIC BUILDINGS AND COMFORTABLE LIVING QUARTERS

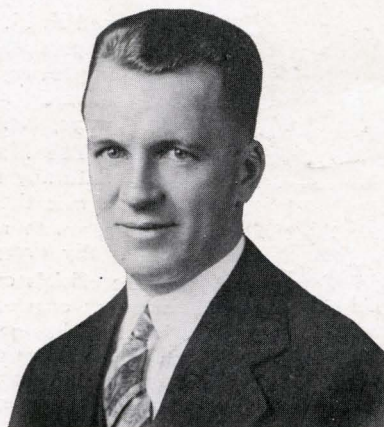
It is said that Venezuela is noted for its substantial and elegant public buildings and comfortable living quarters for its employees. In the pictures: No. 1—Home of Billy Dendy, Superintendent, Venezuela Gulf Oil Company, Lagunillas Field. This is a typical field home and is standardized by practically all companies. No. 2—Cocoanut Palms in front of Cabimas Field camp of Lago Petroleum Corporation and bordering lake. No. 3—Group Hospital at Lagunillas near headquarters of Lago Petroleum Corporation, Venezuelan Oil Concessions, Ltd., and Venezuela Gulf Oil Company. This Hospital is well equipped and cares for all emergencies. No. 4—Office of Lago Petroleum Corporation, located upon a hill overlooking the lake and is one of the prettiest views of the lake. No. 5—Creole Petroleum Corporation emergency hospital at Punta Leiva. Punta Leiva is a very attractive place. No. 6—Office of Venezuela Gulf Oil Company at Bella Vista. This building is located within 100 feet of the lake which is bordered by cocoanut palms. No. 7—Looking towards City of Maracabio with steamers and sail boats in the harbor, the view is a much more beautiful one than the picture shows.

A. V. ("Si") Simonson Avers

Venezuela Oil Fields Growing in Interest And not the least interesting is its golf courses

WHAT is said to be the largest fields in the world are located in Venezuela and known as the Maracabio Basin or District and consists of Cabimas, Lagunillas, El Mene and Mene Grande fields. In addition to these fields practically all of the large companies have been prospecting in some of the newer fields known as Dabojura Field, Rio Terra Field, Urumaco Field, Quiriquire Field and the Menecito — ElMene Field. These fields have been proven by companies owning large acreages. Approximately 75 wells have been completed in these fields, of which 59 are producing, 16 were failures and approximately 20 more are being drilled. Pipe lines will be required for these fields and in some instances we are told equipment has been purchased. The Venezuela oil fields have been growing rapidly for the past few years and the prospects for 1930 seem to be very favorable.

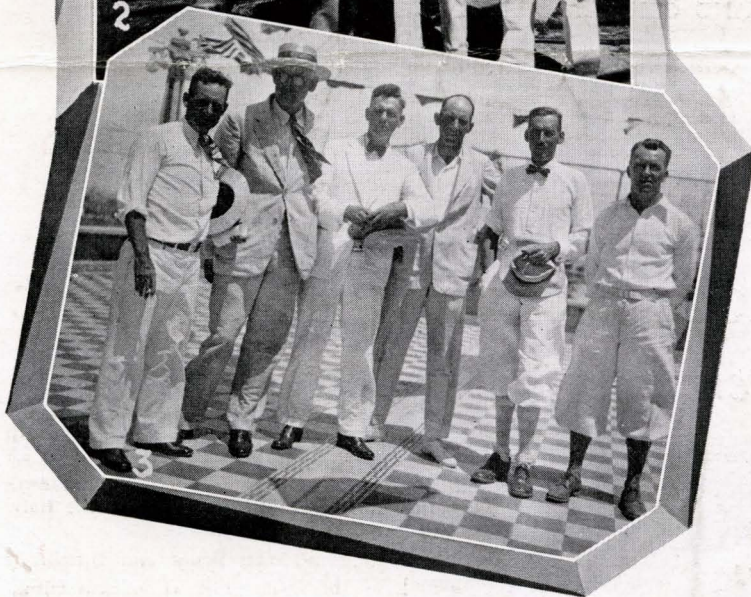
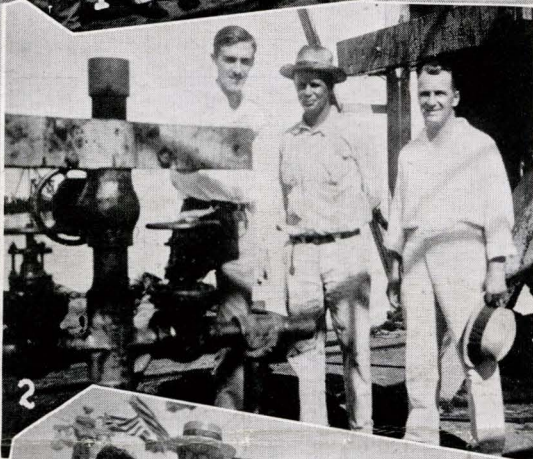
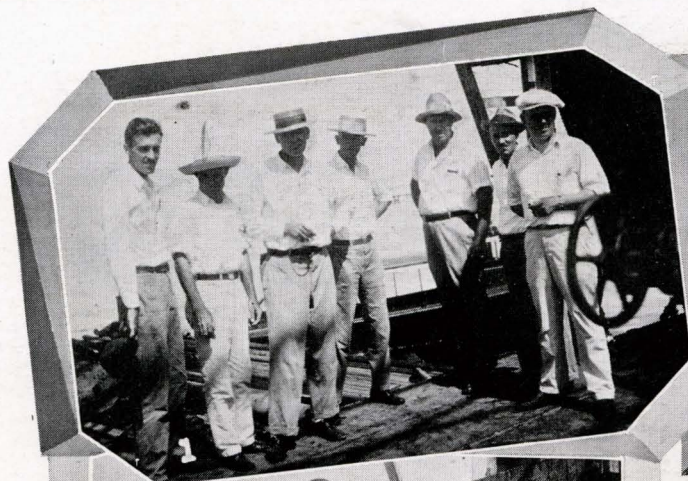
One arriving in the Maracaibo District finds conditions much different than expected.



A. V. "SI" SIMONSON
Export representative and author of this article who has just returned from Venezuela.

Oil company officials and the people of Venezuela however are very courteous to travelers and assist in every way possible. Several very nice hotels are to be found in the City of Maracaibo but representatives of American companies usually arrange to live in the Country Club Colony where every comfort and convenience is to be had. Traveling in the city owing to the heat is all done by taxi, which are fine Packard, Cadillac and Buick cars.

Golf has become a very prominent pastime and companies operating in isolated places of Venezuela have built golf courses so that their field men can play without traveling great distances. It has not been many years ago that the driller looked upon the game of golf as a foolish sport and only to be played by office men. However, it is a common thing now to see drillers on the golf course, hear them discussing their game and challenging one another. If golf continues to be a favorite pastime, the larger companies will, no



WITH THE MEN IN THE LAGUNILLAS FIELD

No. 1. On the derrick floor of Venezuela Gulf Oil Company's well. Left to right: R. C. Heck, Production Engineer, W. C. Dendy, Field Superintendent, Lee Lumpkin, Clay Wells, P. F. Fletcher, Assistant Field and Production Superintendent, Jack Keefe, Assistant Production Superintendent, J. V. Ferguson.

No. 2. Left to right: R. C. Heck, Production Engineer, A. D. Casey, Driller, A. V. Simonson.

No. 3. On the dance floor of the Maracabio Country Club. Left to right: Fred Coates, Oil Well Supply Corporation, A. P. Robertson, Field Superintendent, Maxudian Petroleum Company, Roy Ware, Drilling Superintendent, Maxudian Petroleum Company, Peter Grable, Drilling Superintendent, British Controlled Oilfields, Ltd., Major Best, Formerly with Creole Petroleum Corporation, and A. V. Simonson.

No. 4. Street scene in Lagunillas looking south and to entrance of Venezuela Gulf Oil Company's camp.

doubt, be compelled to make golf courses near the oilfields in order to attract drillers.

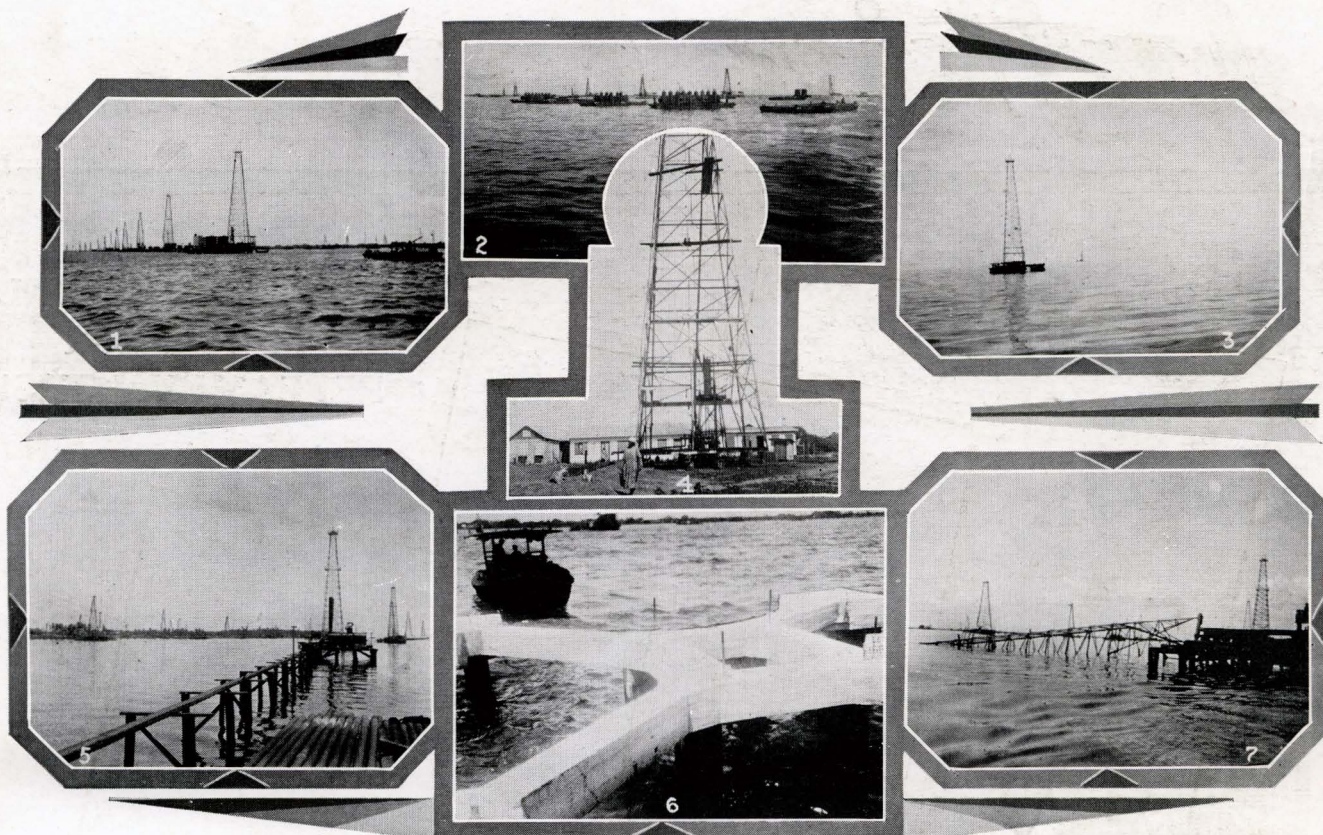
The Maracaibo Country Club with its Golf Course and Colony nearby, is a most attractive place. This club is situated just outside of the city proper, has a beautiful nine hole course, and like every other golf course, has its very faithful followers.

During the year 1929, under the leadership of the new President, Mr. Hoyt Sherman, Assistant Manager of Venezuela Gulf Oil Company and the Golf Committee consisting of E. A. Satchel, General Field Superintendent of Lago Petroleum Corporation, Fred Coates, Oil Well Supply Company's Representative,

and R. M. Dingas, Continental Well Supply Company's Representative, the club has made rapid progress by improving the course in length, putting in bunkers and hazards, making the greens larger, widening the fairways, etc.

The Maracaibo Country Club holds a dance every Saturday night and moving pictures twice a week. As a rule these are very well patronized. There are also dances, amateur shows and moving pictures twice a week in practically every camp.

The officials of the various companies operating in Venezuela are very courteous to sales representatives. In fact, one will find that they go out of their way to assist one in getting to see the proper men of their companies both at the offices and in the fields. They arrange to send one to the fields and give on lodging and meals while at their camp. This might seem to the reader a small thing but this kindness can only be appreciated by representatives who have been through the fields. We appreciate the courtesy extended our representatives by all of the companies and men there.



ACTIVITY IN THE LAKE MARACAIBO DISTRICT

- No. 1. Lago Petroleum Company's wells in Lake Maracaibo looking south. Note pipe line gang laying line in Lake barge.
- No. 2. Oil field boilers on barge ready for use.
- No. 3. Lago Petroleum Company's well at Lagunillas Field. Note well in distance about one mile from shore.
- No. 4. Typical well at Ambrosio Field—Venezuelan Oil Concessions, Ltd.
- No. 5. Installation of Venezuelan Gulf Oil Company at Ambrosio Field.
- No. 6. Location for derrick—Concrete foundation ready for erecting derrick—Lago Petroleum Company—Lake Maracabio.
- No. 7. Derrick which fell into lake during wind storm, believed to be due to teredo eating piling, weakening it.

Lufkin Baby Unit and Samson Post Assembly



PARTICULARLY ADAPTABLE FOR VENEZUELA

Particularly adaptable to conditions in Venezuela and especially to operations in the Lake Maracaibo field is the Lufkin Baby Unit. This Unit and assembly, compact as it is, is set right on the derrick floor and for shallow wells where powers are impractical and installation space limited the Lufkin Baby Unit cannot be improved upon.

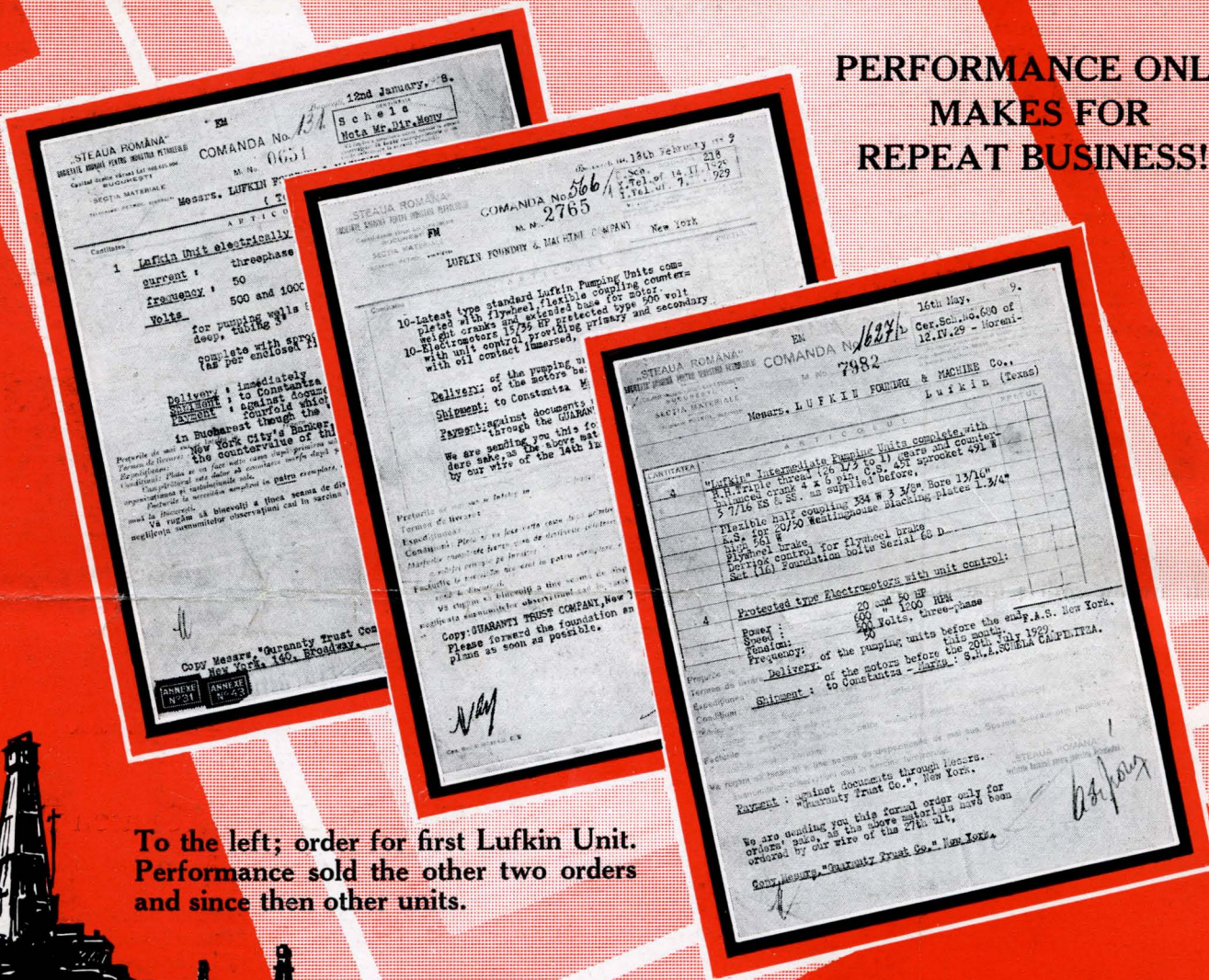
The Post assembly consisting of Post, Beam and Pitman is designed after the fashion of the larger line of Lufkin equipment and such features as "self-supporting" and "headache or Bumper" in the Post, "strengthened" Beam and a special Trout Universal self-aligning—self-oiling Pitman are incorporated. The Lufkin Baby Unit is recommended for light wells 2000 feet and under in depth with 2½" tubing, and requires from 5 to 10 H.P. for its operation.



A. V. ("Si") Simonson, our export representative located at 535 Fifth Avenue, New York, extends to his friends, both in this country and abroad, a Merry Christmas, a prosperous New Year and an invitation to visit him in his new office where he will be glad to see that their wants are cared for and their visit made as pleasant as possible.

Lufkin Equipme

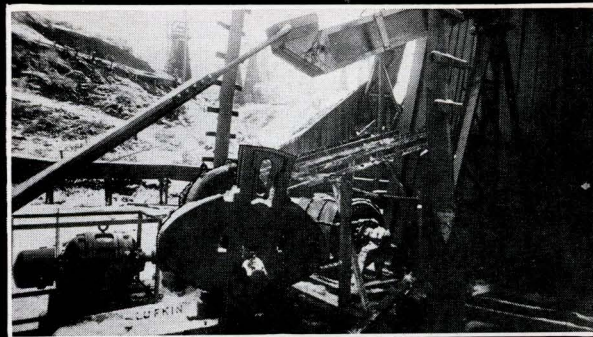
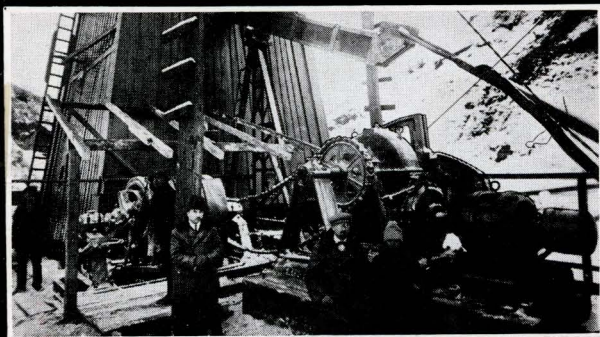
**PERFORMANCE ONLY
MAKES FOR
REPEAT BUSINESS!**



To the left; order for first Lufkin Unit.
Performance sold the other two orders
and since then other units.

L U F
THE LUFKIN FOUNDRY
LUFKIN,
District Offices: Tulsa,
Los Angeles, Cal. Seminole, Okla. El Dora

nt in Roumania

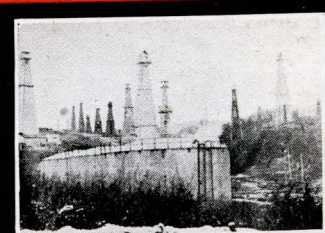


Lufkin Units in the Moreni Field in Rumania

The pictures tell the story. The first order from the "Steaua Romania" came without inquiry—merely stating well conditions and power available. A suitable Lufkin Unit was furnished including auxiliary equipment. The pictures, top right, show installation about completed of the initial equipment . . . to the left are the orders that followed and since that time have come other orders. The repeat orders followed performance as a natural sequence.

Some idea of the rough rugged terrain of the Moreni field, to which Lufkin Units are particularly adapted, can be gained from the views of the field, lower right.

BACK OF REPEAT BUSINESS MUST BE PERFORMANCE
....IT IS THAT THING THAT KEEPS LUFKIN UNITS
WELL IN ADVANCE OF THE FIELD.



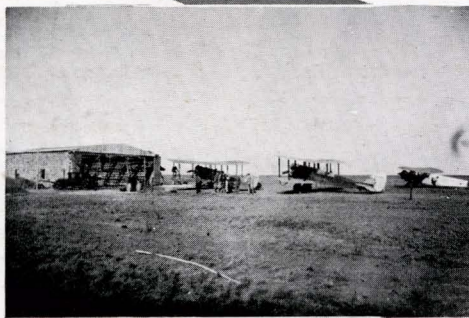
Y AND MACHINE CO.
TEXAS.

Okla. Houston, Texas.
do, Ark. Odessa, Texas. New York, N. Y.



LUFKIN SALES AND SERVICE MEN HOLD MEETING AT THE HOME OFFICE

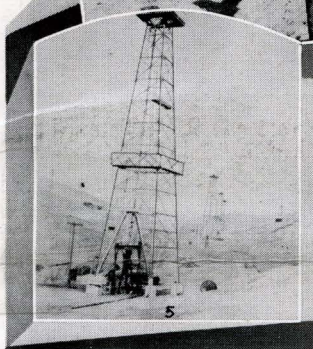
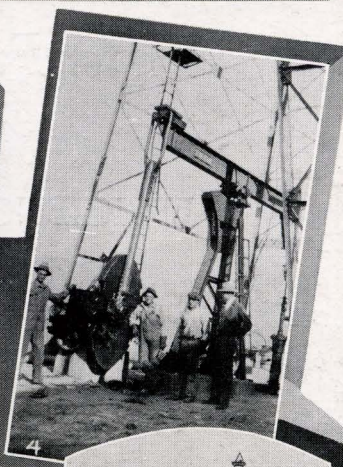
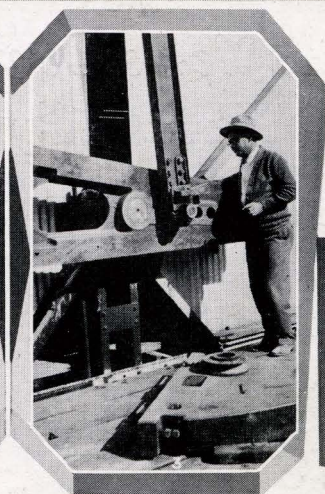
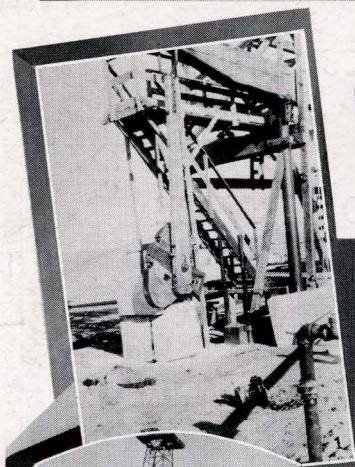
Men above represent part of the force of sales and service men of the Lufkin Foundry & Machine Company who were in attendance upon the annual sales meeting held at Lufkin October 15, 16 and 17. Reading from left to right: J. A. Grow, Engineer, since removed to Oil City, Pa., Chas. McLane, Shop Superintendent, H. L. O'Briant, Gulf Coast Territory, E. H. Bounds, Assistant Manager, Lufkin, A. E. Cudlipp, Sales Manager, Lufkin, C. B. Edwards, Treasurer and Manager Gulf Coast District, Houston, W. D. Winston, Jr., Secretary, Fred Graham, Engineer, Lufkin, Pete Little, Engineer, "Tourist" C. S. Hardin, El Dorado, Arkansas, John D. Best, Odessa, Texas, E. E. Hess, Chief Draftsman, Lufkin, V. K. Terry, Cost Accountant, Lufkin, A. V. "Si" Simonson, Export representative, New York City, W. C. Trout, Vice President and General Manager, W. W. Trout, Manager, Mid-Continent District, Tulsa. Several men were away when photo was taken, among them: L. J. Maxwell, Gulf Coast District, R. W. Noble, Seminole, Oklahoma, E. P. Trout, Manager, California office, Los Angeles, and Fred Yeager, Bakersfield, California.



MIDLAND FAST COMING TO THE FRONT

Midland is the chief oil headquarters city for the West Texas Permian basin and Eastern New Mexico. Midland is the only oil town in West Texas with an active petroleum club. Midland, next to Houston and Fort Worth, has the greatest concentration of oil field telephone lines of any city in Texas. Midland is absolutely modern in every detail, including natural gas. It was Midland's strategic location, modern city conveniences, de luxe Scharbauer Hotel of 150 rooms and 150 baths with an additional 100 rooms under construction, two telegraph companies, schools with 33 credits of affiliation (the highest ranking in the Permian basin) modern offices, the 12-story Hogan Petroleum Building, being one of the four handsomest office buildings in Texas, varied and high class amusements, good roads to the fields, and good living conditions that induced T. S. Hogan to build his magnificent petroleum building at Midland. Above—Midland Air Port, 12-story Hogan Petroleum Building and Scharbauer Hotel of 150 rooms.

LUFKIN EQUIPMENT IN KERN COUNTY



Lufkin Units and Trout Counterbalance Cranks

Are Playing a Big Part in Kern County, California

Photo No. 1 Richfield Oil Company, West Front, Bakersfield, California. Seventeen (17) Lufkin units are now in operation on this lease. This company has standardized on Lufkin units as a result of the performance of the first few units.

Photo No. 2 Baby Unit installation, Shell Oil Company of California, Freeman lease, Round Mountain, California. Wells on this property are from 1600 to 2000 feet deep and are equipped with 3-inch tubing. This is the first Lufkin Baby Unit to be tried out in the Round Mountain District and is equipped with 10 H.P. G. E. Motor operating 20 strokes per minute with a 30-inch stroke. Lufkin No. 2 post assembly is also used. Decision to use this type of equipment by the Shell Company came after a tryout in the Mt. Poso District. Note floor of derrick is concrete sloping towards the center of a drain pipe leading from the center underneath the concrete to the edge of the derrick. The casing head extending above the level of the floor will be lowered to standard height when the well has to be shut down for the first rod or tubing job. Six more units have been installed in this district since this installation. The gentle-

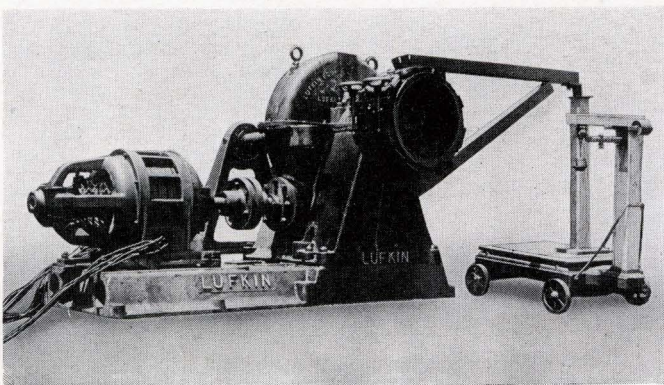
man on the right is Mr. R. R. "Robby" Robinson, Engineer of the Midway District by the Petroleum Securities Company, which resulted after a test made by their superintendent Mr. Rosco Arnold who appears in the picture. Mr. Bradford, Chief Electrician for this concern states they are able to balance their wells within two amps with Trout Counterbalance Cranks, a thing heretofore impossible. No. 4, Shell Company, Freeman Lease, Round Mountain, California. These wells average 1800 feet deep 3-inch tubing and are pumped with Lufkin Baby Units and 10 H.P. G.E. Motors. The gentleman on the right facing the unit is Mr. R. R. "Bobby" Robinson, Engineer of the Midway District. Unfortunately we do not have the names of the well crew. No. 5, "Four in a row", Security Lease of the Shell Petroleum Corporation at Mount Poso, California. These were the first four stripped standard units to be installed by this company in this district and their record is enviable. Walking beam, samson post, and pitman is also Lufkin equipment. No. 6, Lufkin Baby Unit installed on the Freeman Lease at Round Mountain for the Shell Company. Mr. Billy Allen is the District Superintendent in charge of operations on this lease.



Worm Gear

*After Five Years Continuous Service Shows
Practically No Wear*

EFFICIENCY INCREASED WITH EXTENDED SERVICE



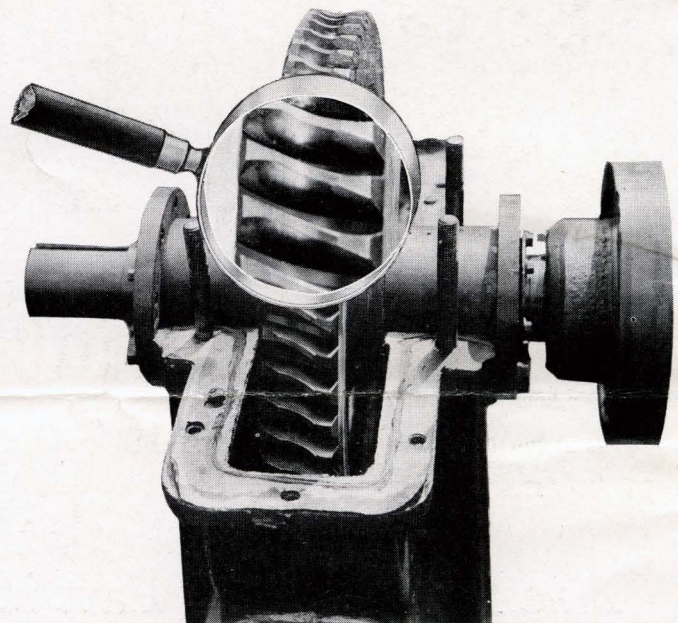
PONY BRAKE METHOD OF TESTING EFFICIENCY
OF LUFKIN UNITS

Constant testing of Lufkin Equipment is part of the regular schedule of work by the Lufkin Engineering Department. Recently one of first Lufkin Units that had been in continuous operation for five years was secured and placed on the "Test Block." Without any repairs it was tested for its efficiency and the chart below tells the story. At five output horsepower the unit was 85 per cent. efficiency and this efficiency continued to increase as the load was increased until an efficiency of 88.5 per cent was reached at 20 output horsepower.

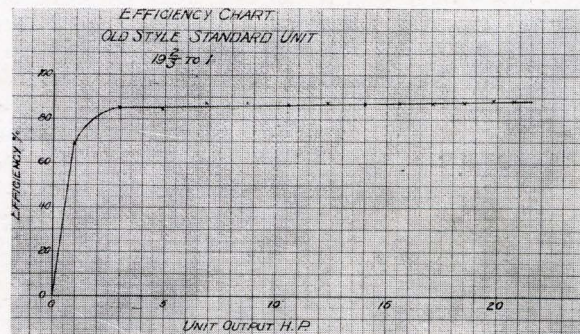
These results were remarkable and it is a certainty that no other type of gearing could maintain such a high efficiency after such a long period of operation.

This test should prove conclusively that a worm gear reduction maintains this efficiency throughout its entire life. Further examination of the unit revealed that the bronze ring gear was in fine condition. The photograph reproduced of the bronze gear teeth at the most worn section of the gear illustrates this point. At the point where the gear received the most wear it had worn only $\frac{3}{32}$ " after five years of operation. The gear tooth at the pitch diameter is $\frac{3}{4}$ " thick and on this basis should last another ten years as a minimum.

The worm gear has the same contact surface throughout its entire life and after it has been run in to its maximum efficiency, that maximum efficiency is maintained throughout its life. The other types of gearings have a line contact and as the line contact wears off the involute contours at which the gears operate most efficiently the efficiency decreases.



CLOSE-UP OF WORM GEAR TEETH IN LUFKIN UNIT
AFTER FIVE YEARS OF CONTINUOUS SERVICE SHOW-
ING PRACTICALLY NO WEAR.



EFFICIENCY CHART OF LUFKIN UNIT AFTER
FIVE YEARS OF SERVICE.



The LUFKIN LINE

Published to promote Friendship and Goodwill with its customers and friends and to advance the interest of its products by the Lufkin Foundry and Machine Co.

A. E. CUDLIPP, Editor

Vol. 9 DECEMBER-JANUARY, 1929-30 No. 9

Wonder how a union carpenter feels when he gets a bill from a union plumber?

The girls who stuck out for long hair are back in style.

Experience and responsibility make conservatives of us all.

It's no use trying to make a woman do housework a man's way.

A self-acknowledged failure often supports his egotism by pretending an indifference to success.

Being rich enough to maintain three or four big houses really amounts to being proprietor of three or four "servant's boarding houses."

I hate ingratitude more in a man,
Than lying, vainness, babbling, drunkenness,
Or any taint or vice, whose strong corruptions
Inhabit our frail blood. —*Shakespeare.*

Imitation is the sincerest flattery.—*Colton.*

Innocence is like an umbrella: when once we've lost it we must never hope to see it back again.—*Punch.*

Poverty is not dishonorable in itself, but only when it is the effect of idleness, intemperance, prodigality and folly. —*Plutarch.*

It is easier to build two chimneys than to keep one in fuel. —*Franklin.*

A modern girl, my son, is like a rebuilt automobile. The same old chassis all worked over. —*Cajoler.*

City Chap.—"What weeds are the easiest to kill?"
Farmer—"Widow's weeds, all you have to do is to say 'wilt thou' and they wilt."

"Very sad affair," exclaimed Blinks. "They found poor old Bilkins asphyxiated last night!"

"You don't say!" replied Jinks. "The old fraud! He told me he was a prohibitionist!"

Looking for Grandma's glasses isn't the job it used to be. Nowadays she leaves them right where she empties them. —*Judge.*

"Who invented high heels?" asks a writer. One theory is that it was the idea of a short, pretty girl who was continually being kissed on the forehead. —*Humorist.*

"Heard the old mission song?"
"Go on, I'm victimized."
"'Dobe like that.'" —*Spartan Spasms.*

Are you sure he was intoxicated?
No, sir, not positive, but his wife says he brought home a manhole cover and tried to play it on the phonograph. —*Fusion Facts.*

Orthodox Jewish Father (to son prominent in college activities): "Son, vot's dis I read about you bringin' home de bacon?" —*College Humor.*

Here's the Jokes

Frankly second hand—Age not guaranteed.



Inquisitive, to bride: "Does your hubby measure up to expectations?"

Bride: "He's just as sweet as can be, but says he simply can't bear children."

Inquisitive, (sourly): "Well, I wouldn't expect too much of some husbands."

After years of research, scientists have discovered that the kind of hens that lay the longest are dead hens.—*Rice Owl.*

THE NEW YEAR

If life were one unending year
Without a new year now and then,
If there were not a moment here
When all our lives began again,
I do not think a man could bear
A life's accumulated care.

But, God be praised, the New Year comes!
And we are done with ancient things.
We'll count our blessings, add our sums,
And then, whatever sum it brings,
We'll cry aloud with merry heart,
"Well, so we stand, and here we start."
—*Douglas Malloch.*

The happiest Christmas you ever knew,
The brightest year that has come to you,
The greatest number of dreams come true—
This is the wish we wish for you.

Patent office is so far behind that at present rate it will be six years before work is current, reports Commissioner Robertson, asking for at least 100 new examiners.

WHY WAS IT CALLED THAT?

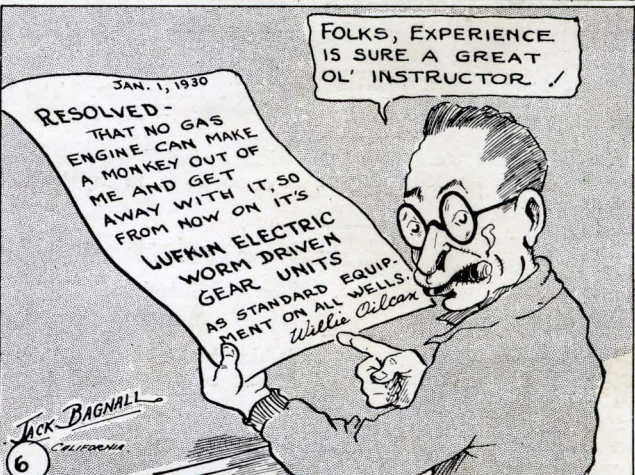
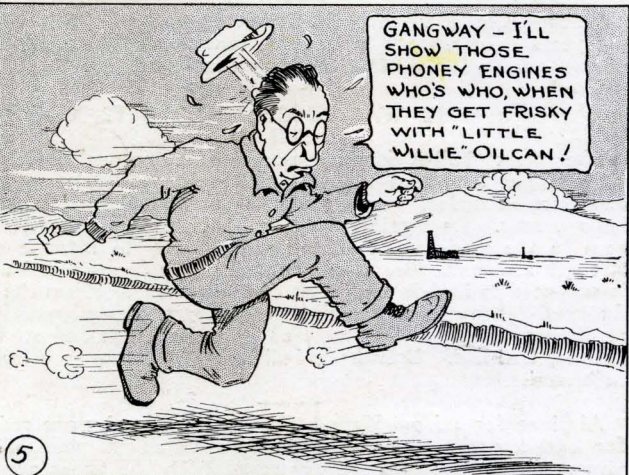
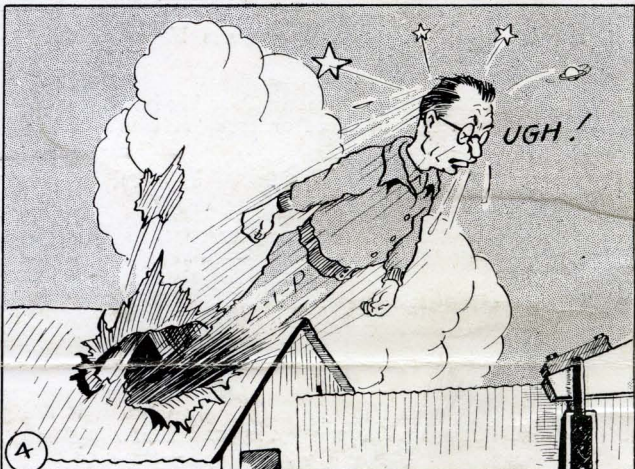
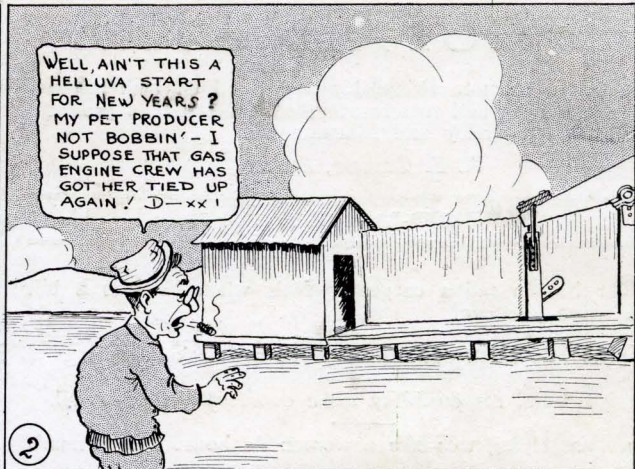
Bull

The prefix "bull-" found in names of numerous oil-field devices, might be traced back by philologists to Middle English and German dialect words which meant to make a loud noise, bellow, roar. Its significance in oil-field parlance, however, is seen in the modern use of the word "bull" to indicate great strength and endurance as exemplified in the farm animal which is supposed to harbor a peculiar distaste for red. When the prefix "bull-" appears in the name of a piece of equipment, that equipment usually is characterized by unusual size and strength, that is, bull-like. Bullwheel, bullrope, bull-pump are among such names.

Airplane fares from Kansas City to Los Angeles are reduced for a 30-day trial period to about the same as rail plus Pullman plus meals, by Western Air Express, which has traffic arrangements with a score of Central trunk railroads . . . A 19-hour air-rail service is inaugurated from Cincinnati to New Orleans . . . Commercial aeronautics have a bright future in Central and South America, said C. A. Lindbergh, because other systems of transport are unusually slow and undeveloped . . . Capt. L. M. Woolson, designer of the Packard Diesel aviation engine, said it will cut the fuel load 20 per cent for a given radius of flight . . . A marked reduction in accidents is reported by the commander of the Army air corps, due to the perfection of the mechanism and rigid inspection requirements. Pilot errors constitute the major cause of fatal accidents . . . England adopts a "robot" pilot weighing 100 pounds as standard equipment on larger army and navy aircraft. It has flown bombing planes 400 miles without adjustments.

"ANOTHER NEWYEARS RESOLUTION"

BY BAGNALL.



Manufactured at Lufkin, Texas, by
THE LUFKIN FOUNDRY AND MACHINE CO.



District Offices
Tulsa, Okla. Houston, Texas



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