



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

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No. 4

LUFKIN UNITS—

IN THE LAND OF MANANA

Generally speaking, very little oil has ever been pumped in Mexico. It is the experience of most operators that when a well stops flowing, the salt water comes in and the well is usually abandoned.

The "El Aguila" however, have found it to their advantage to install pumping equipment in one of three fields south of Puerto, Mexico, known as the Francita field.

This is no doubt the first pumping equipment used in Mexico.

The wells in this section are from 2,000 to 3,000 feet in depth, producing high-gravity oil and are the exception in this respect to those further south.

It will be readily seen from the pictures reproduced in this issue that due to the dense tropical growth, rough terrain of the country and the inaccessible location, Lufkin Units are especially adaptable due to the small space they occupy and being shipped knocked down are easily handled in location. Practically all Lufkin equipment is of steel

and especially painted to off-set climatic conditions. These rigs, therefore, are of a permanent nature and should be so, especially in this country where standard rigs last only a few years at best.

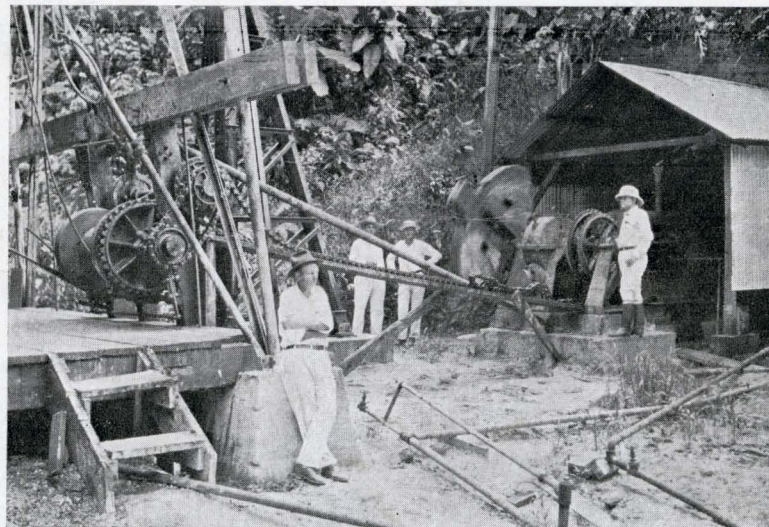
In the Francita field our 5½" "Universal" pumping unit with Gulf Coast (loose drum) production hoists are used.

Quite a number of wells in this field are served by a narrow guage railroad with a flat car having hoists mounted thereon, which is switched to the different wells for pulling, cleaning, and etc. Only such wells that are inaccessible are provided with individual hoists.

Buda Engine power is used throughout, using large engines with low suitable ratio gear, which allows for economical slow engine speed, insuring long life and easy maintenance to the equipment.

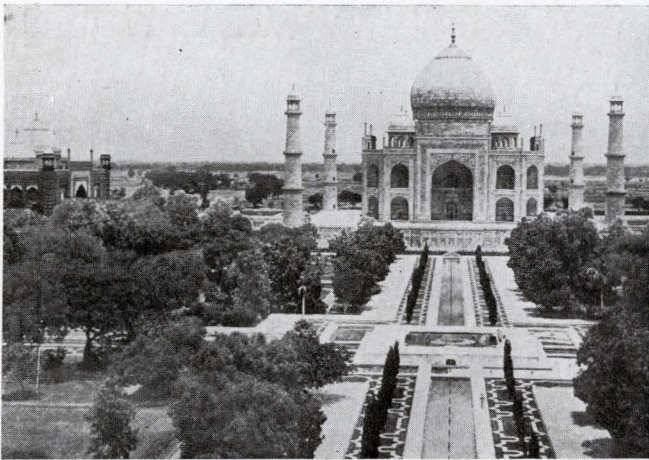
The gears are also of suitable ratios for electric motors, should gas play out—an advantage almost exclusive with Lufkin Worm Geared Units.

(Continued on Page Eleven)



Filisola 26 of the "El Aguila" Co., in the Francita Field near Puerto, Mexico. In the picture is C. S. Kellogg, production Foreman in charge of construction at derrick and C. P. Wilson, Master Mechanic, wearing helmet.

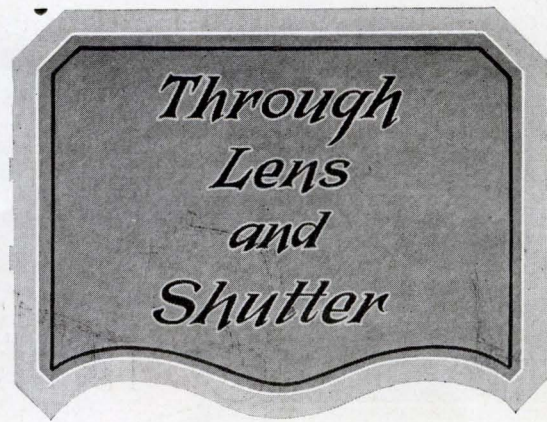
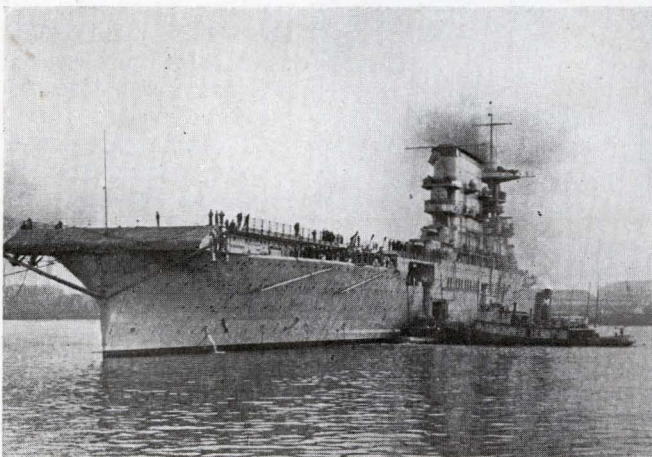
The Lufkin Line



AGRA, India.—The crowning achievement of all Hindu architecture, the Taj Mahal, built in 1632 by the Emperor Shah Jahan for the remains of his favorite wife, Mumtaz Mahal. He also is buried there. This remarkable tomb came after the "best Hindu period," that is from 1486-1516. It has been called variously, the "most poetic building in the world" and a "dream in marble."



Home of Zane Grey, Noted Novelist, Avalon, California



(Lower Left)

SARATOGA STERN

**World's Largest and Fastest Floating Flying Field,
U. S. S. Saratoga Goes Into Dry Dock
For Final Touches**

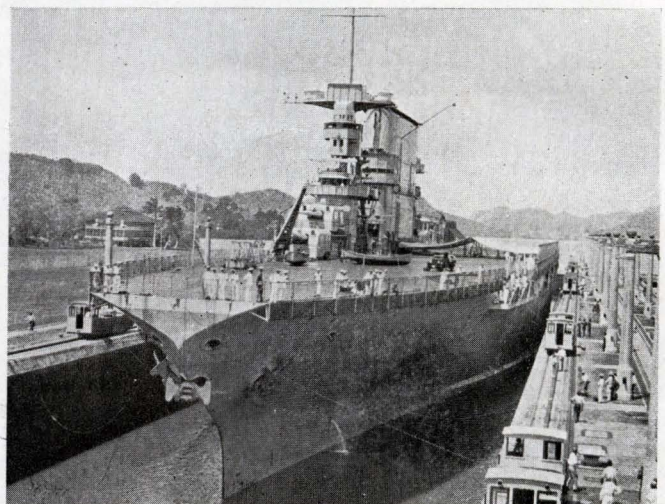
PHILADELPHIA NAVY YARD, Pa.—A view of the stern of the U. S. S. Saratoga, the world's largest and fastest airplane carrier, as it is being towed into dry dock here for final touches before going into active service. The ship was built at the cost of \$35,000,000, is 888 feet long, has a displacement of 33,000 tons, will have a crew of 2,000 officers and men and can travel at the rate of 40 miles an hour.

(Lower Right)

SARATOGA LOCKS

A Tight Squeeze—U. S. S. Saratoga, Giant Airplane Carrier, Is Largest Ship to go Through Panama Canal—Only 2-Foot Clearance on Each Side

PANAMA CANAL.—The Saratoga, the Navy's largest ship, and the largest airplane carrier in the world, setting a new record by being the largest ship ever to go through the canal. A clearance of only 2 feet on each side of the monster made the job of navigation a difficult one. The Saratoga is 888 feet long, while the largest ship before it to pass through the canal was the British battleship Hood, 860 feet long.

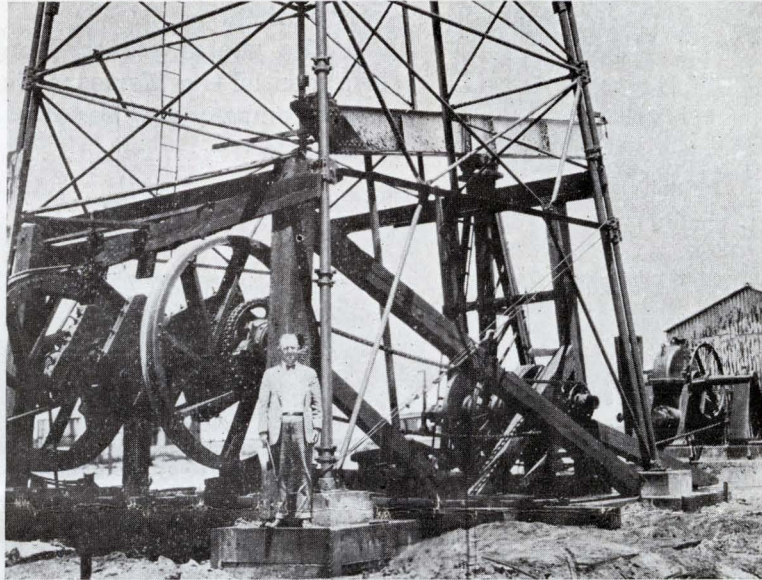


The Lufkin Line

Roxana's "B-1" Drilled In With Lufkin Unit

Lufkin Equipment Used Throughout On Roxana's Lease In the Hendricks Pool, Winkler County, (West) Texas

It is common practice to set in Lufkin Units and samson post, in which case the hoist itself and Hoists—especially while drilling with rotary, is used with the traveling blocks and the bull wheels handle the drilling line. to use same as auxiliary power, the deadline going to the hoist direct to the traveling blocks to lift pipe in an emergency in case of breakdown to rotary hoist, also to finally "drill in" with cable tools with the arrangement shown.



Roxana's "B-1" In the Hendricks Pool, Winkler County, Texas

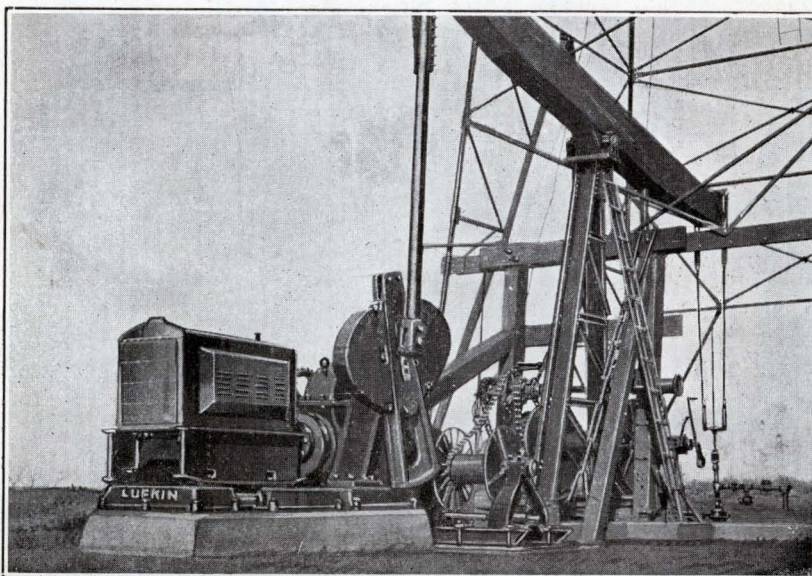
Lufkin Equipment is fast meeting the needs of the operators in all fields and we are prepared to furnish equipment that will suit any condition that may arise.

When you are talking, the other man is not listening. He is thinking what to say when you stop.

The times have certainly changed, and the reason young couples can't get along together

In this picture, however, the bull wheels carry the drilling lines and the hoist handles the bailing line, which is common practice.

Some operators, however, in addition to the as well as in the old days, is not that they can't pull above arrangement use our bailer between unit in double harness, but because both want to drive.



Simms Well, Crane County, drilled entirely with Lufkin equipment and cable tools.

Lufkin Units Are Now Designed For Hook-Up With—

- ELECTRIC MOTOR
- MULTI - CYLINDER GAS ENGINE
- SINGLE CYLINDER GAS ENGINE

In four sizes with varying gear ratios to suit any condition with hoisting and other auxiliary equipment to match.

1,000 LUFKIN UNITS IN USE IN THE PRINCIPAL OIL FIELDS OF THE WORLD.

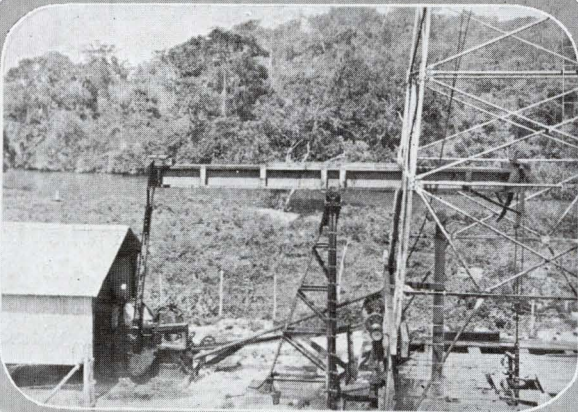
The Lufkin Line

Lufkin Installations In the Francita Field Near Puerto, Ver, Mexico.

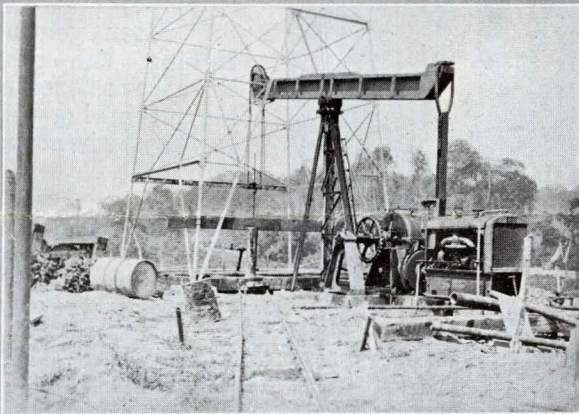
Owing to the rough terrain of the country in the Francita Field, Lufkin Units are found to be more adaptable owing to the ease with which they are installed in difficult locations where space is very limited.

The photos produced on this page are all on locations of the Mexicana de Petroleo "El Aguila" which company now has over 43 Lufkin installations in Mexico.

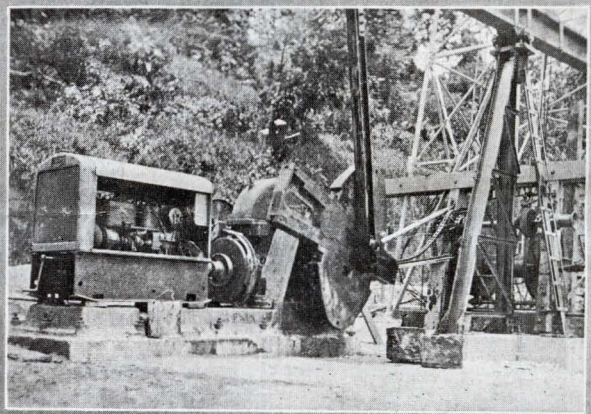
LUFKIN UNITS are now found in all principal fields of the world.



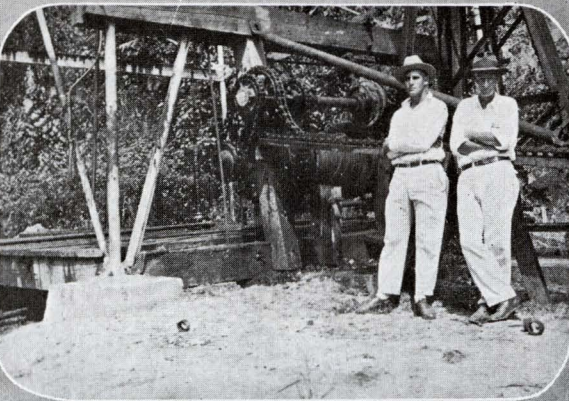
Filisola 24—"El Aguila"
Puerto, Ver. Mexico



Filisola 42—"El Aguila"
Puerto, Ver. Mexico



Filisola 96 "El Aguila"
Puerto, Ver. Mexico



C. S. Kellogg, Production Foreman in charge of construction, and E. C. Hubble, Assistant Superintendent, Filisola 13—"El Aguila," Puerto, Ver. Mexico.



Filisola 96—"El Aguila."
Puerto, Ver. Mexico.

The Lufkin Line

Greater Champagnolle Area Uses Many Lufkin Units *Standardization of Lufkin Equipment Common With Most Producers In This Arkansas Field*

Champagnolle has been the topic of discussion for the past sixty days and its continued production has inspired a feeling of greater confidence in the new Arkansas Pool. And to the time of going to press, notwithstanding the numerous dry holes made, over one hundred tests are under way. Salt water has lost its virtue as a deterrent in Champagnolle and with the operators encouraged by advances from the El Dorado and Shreveport refineries, drilling is going ahead with all speed.

Lufkin Units and Auxiliary equipment has been used by the larger producers since the opening day. Among the users in this field are the Magna Producing Co., Oil Well Corp., Ohio Oil Co., Rovenger Oil Co., Lion Oil & Refining Co., E. Murdock Co., Simms Oil Co., T. G. Shaw Company, Pure Oil and others.

So well does the Lufkin Foundry & Machine Company think of the permanency of the Arkansas Fields that it has established its own warehouse, at considerable expense, in El Dorado and will carry a complete stock of Lufkin Equipment and repairs at all times with a practical service man in charge.



Ohio Oil Co., Crane No. 7,
Rainbow City, Ark., Lufkin
Equipment Throughout.



Ohio Oil Co., Rich Pumprey No. 1, Rainbow City, Ark.
EVERYTHING LUFKIN

"Lost somewhere between sunrise and sunset, two golden hours, each set with sixty diamond minutes. There's no reward offered, they're gone forever"—then what's the use of talking about it?



C. S. Hardin, El Dorado Representative, Lufkin Foundry & Machine Co., Mr. Quillen, Ohio Oil Co., W. C. Trout, V. P. & G. M., Lufkin Foundry, R. A. Tillary, District Superintendent, Ohio Oil Co., El Dorado.

El Dorado Warehouse

We have just opened our new warehouse in El Dorado, where repair parts and complete units may be had upon a moments notice. A complete stock of Buda Engine parts will also be carried.

The warehouse will be in charge of our Mr. C. S. Hardin, Phone 1023-W.

The Martin Wagon Company and the Buda Company, will also share the warehouse with us.

The Lufkin Line

SNAPSHOTS AT THE A. P. I. MEETING



No. 1. Five leading engineers posing before the Balanced Rock in the "Garden of the Gods"—left to right: Hal Anderson, C. E. The Shell Co., of California, Los Angeles, C. E. Beecher, C. E., Empire Co., Bartlesville, Alex Fields, Supt., Roxana, Wink, Texas, Chas. Alcorn, Assistant Manager, Roxana, Dallas, Floyd Hall, C. E. Tidal Oil, Tulsa. No. 2. Mr. and Mrs. Guiddinger and daughter, The Phillips, Bartlesville. No. 3. The "Bride and Groom" of the convention, Mr. and Mrs. Glenver McConnell, C. E., Roxana, Tulsa. No. 4. George Kennison, Standard of California. No. 5. Some of the "Brass Collars" and their wives and friends. No. 6. Walter Mier and wife, C. E., Atlantic, Dallas. No. 7. Mrs. Trout, Brick Elliot, Mrs. Swiggart and Fray McGrew—airplane party—guests of the Elliott Core Drill Co. No. 8. Views of electric fountain in front of Brookmoor Hotel. No. 9. The Robinsons of the Oil Weekly.

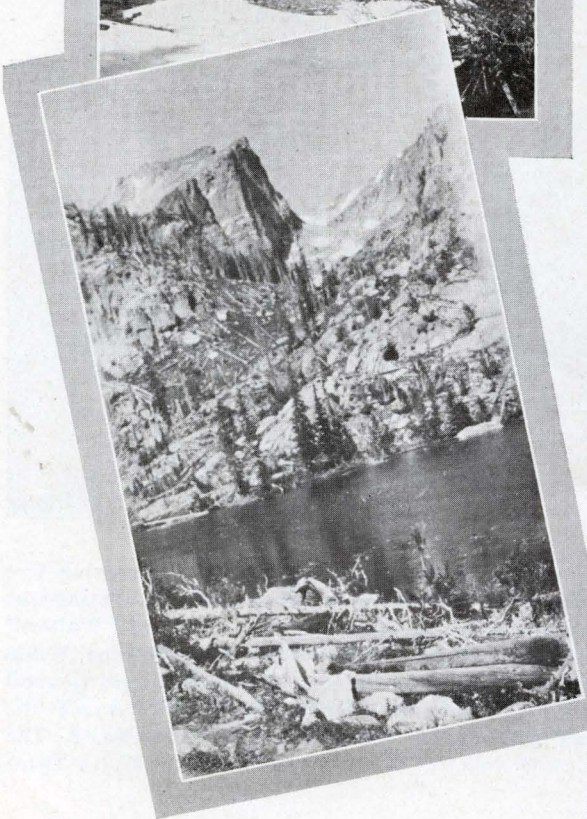
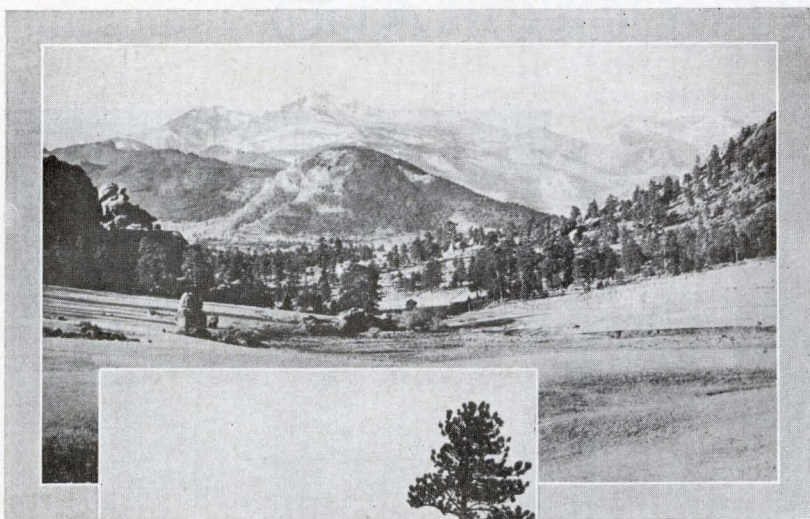
ING, COLORADO SPRINGS, COLORADO



No. 1. Elliott Core Drill Co., were on the job with their new Biplane with its 250 H. P. Whirlwind motor carrying five passengers and pilot. Elliott and Ames of this Company gave many guests of the convention their first ride in the air, much to their delight. No. 2. J. Edgar Pew and John Suman, two leaders in standardization. No. 3. Three "Walters" Mier and Samons of the Atlantic Oil and Trout, Lufkin Foundry & Machine Company. No. 4. Alex Fields, Roxana, Wink, Texas, H. N. Marsh, General Petroleum, Los Angeles, S. J. Moore, Oklahoma Steel, Tulsa. No. 5. Joe Hutchinson, General Manager Rio Bravo. No. 6. Three big boys—Bill Thomas, Vaccum Oil, Wm. Simpson, General Manager California Co., C. C. Sharpensburg, C. E. Standard of California. No. 7. L. B. Holland and wife of the Phillips, Bartlesville. No. 8. The Rex tourist—Brint Welser, Chain Belt Company.

—Photos by W. C. Trout

The Lufkin Line



"Cool Colorado"

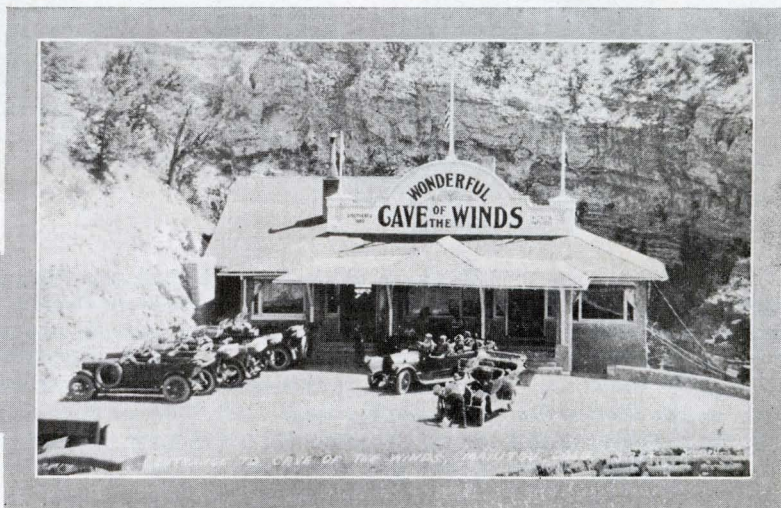
The Garden Spot of the Middle West

Many tourists from all over the world find a haven of rest in the many parks in Colorado, chief of which is Estes Park. Scenes here-with are in or near Colorado Springs. Long's Peak, Estes Park, at the top.

We have been urging, through our columns, in our humble way, for all to take their vacation in their car. Every gallon of gasoline used is a help to the industry in the reduction of surplus oil. It has been estimated that an increase of 20 per cent per person of fuel oil consumption would within six months, relieve the situation in the oil industry. And in addition your car will afford comfort and pleasure surpassing all other means of travel.

Scenery rivaling, if not surpassing the wonders of the Old World, are to be found right here in America. And with the good roads to be found most everywhere, with tourist parks having the conveniences of modern hotels, a most inexpensive and enjoyable vacation can be had to suit the pocket books of the humblest.

"See America First" was a perfectly good slogan.



The Lufkin Line

Deepest Oil Producer To Be Drilled Deeper

Austin.—Drilling will be resumed soon at the deepest oil well in the world.

It is on land owned by the University of Texas in the Big Lake oil field, Reagan County in West Texas. After the drill bit had penetrated to a depth of 8,220 feet, operations were halted a few months ago when the derrick was damaged by fire.

Oil was found at the 3,000 and 6,000 foot levels.

Because of the great depth, temperature measurements are of scientific interest to the university's bureau of economic geology, which plans to make further tests as the exploration of the earth's interior is resumed. There has been no evidence yet of formations earlier than those of the Permian age.

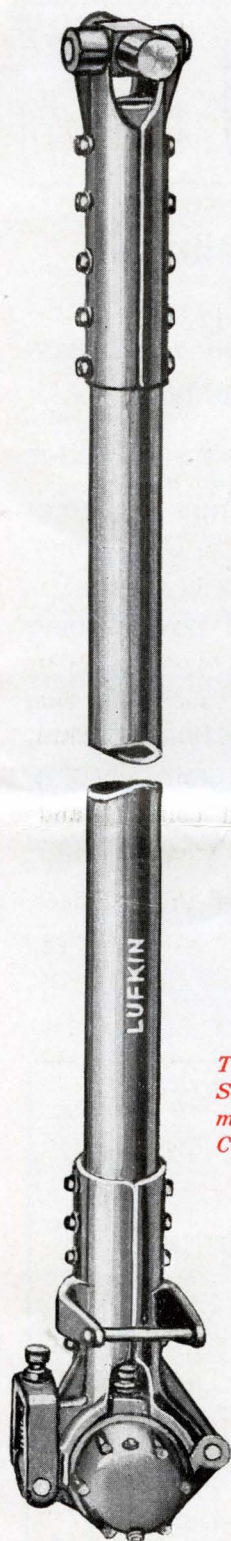
MIXING OF OIL AND WATER COST PETROLEUM PRODUCERS \$100,000,000

Chicago.—Oil and water do mix, and they mix so thoroughly they cost American petroleum producers more than \$100,000,000, Dr. Gustav Egloff, Chicago chemist, told the American Chemical Society Institute at Northwestern University.

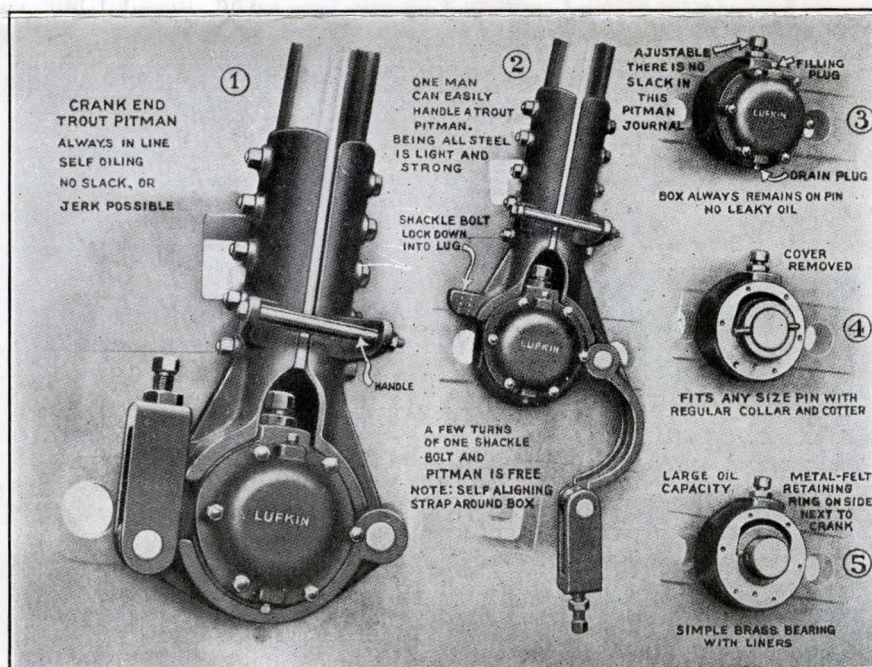
"Nature every year burdens the oil industry with more than 200,000,000 barrels of intimately mixed oil and water as emulsified crude oil," declared Doctor Egloff. "Such oil does not separate even after years of storage."

"At the present time there are more than 100,000,000 barrels of emulsified crude oil in storage tanks. More than \$100,000,000 is tied up in stored emulsified oil, for whose utilization no really economical method has been evolved."

Fast Becoming Indispensable—



Trout Dust-Proof, Self-Lubricating Pitman Connection Close-Up.

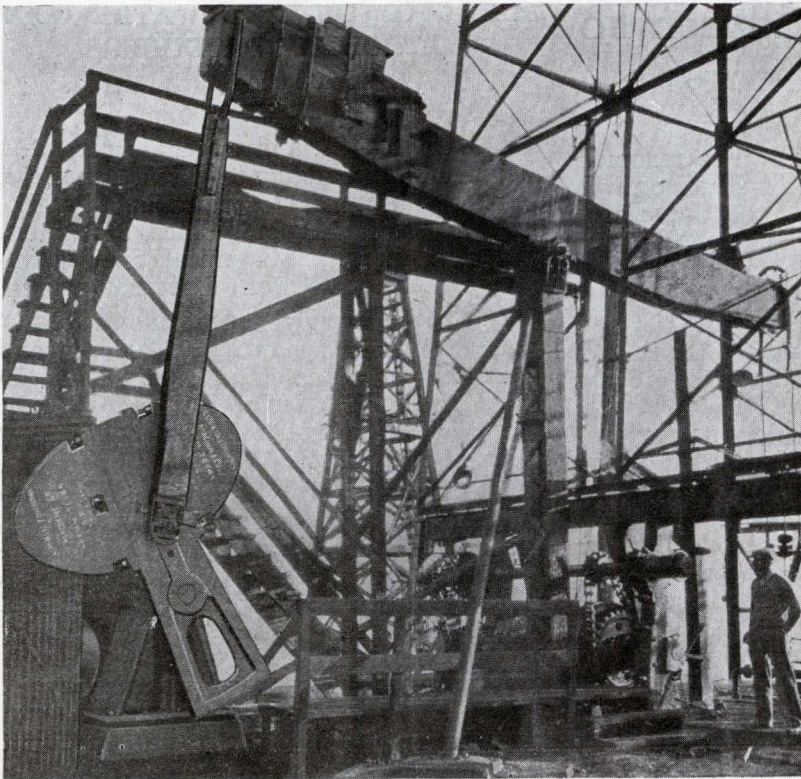


Trout Universal Pitman Connection

The many advantages of the Trout Pitman are readily seen by the practical operator. Not only are we selling this pitman with all new equipment but it is fast replacing the old style pitman now in use. It is an uncommon thing to receive orders for the Trout Pitman head only, to attach to old style pitman already in use.

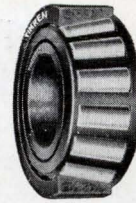
TROUT PITMAN
Furnished With
Universal Con-
nection or old style
stirrup.

The Lufkin Line



Lufkin Heavy Duty Unit In California

Birch Oil Company, Brea, California. Unit Handling 400 Bbls. Fluid Through 3-in. Tubing. Well Taped Over 4,000 ft.



Timken Equipped

*Lufkin Pumping Units and Hoists
Are Timken Equipped*

Timken Bearings insure better and continuous operation and freedom from wear.

Frictional loss of power going through a Timken Bearing is less than $\frac{1}{2}$ of 1%. With friction lowered, machine life is not only extended, but it is rendered considerably freer from frequent attention.



City Hall, Los Angeles, Calif.

OUR CALIFORNIA OFFICE

IS PREPARED TO GIVE YOU SERVICE AT ALL TIMES

OUR DISTRICT OFFICE

IS LOCATED AT

1104 COMMERCIAL EXCHANGE BUILDING

LOS ANGELES

PHONE VANDIKE 3502

WAREHOUSE AT BAKERSFIELD

E. P. TROUT, Mgr.

FRED YEAGER, Field Man

HERE'S THE JOKES!*The First Thing
I Look For***The Riot's On**

Paw's sore cause maw gotta bob,
The atmosphere is muggy,
She says caus he's a jack ass,
She'll be no horse an' buggy—

"I hear Harmony, the musician, was shot last night."

"What was the cause of the shooting?"
"Oh, he was playing in the wrong flat."

Hush-a-bye baby, safe in your cot,
Daddy's come home and his temper is hot
Cuddle down closer, baby of mine,
Daddy went round in a hundred and nine.

Crossing the legs in public is not refined, but it
puts homely girls on a par with pretty ones.

Invention Wanted: Motor brakes that get tight
with the driver.

Some men get rid of their loud speakers but
still have to pay them alimony.

Son: "Ma, Pa wouldn't murder anybody, would
he?"

Ma: "Why, certainly not. Why do you ask?"

Son: "Well, I just heard him down in the cellar
saying, 'Let's kill the other two, George.'"

Tis Dem Hard To Tell Which Is The Hardest
Thing To Get Our Fliv Around On The Pike—A
Farmer Comin' In On A Load Of Hay Or A Bird On
A Motor "Sike" With A Bobbed Hair Jane Ridin'
On Behind—

A man who had not been very good during his
earthly life died and went below. As soon as he got
to the nether regions he began to give orders for
changing the position of the furnaces, and com-
menced bossing the imps around. One of them re-
ported to Satan how the new comer was acting.
"Say," said Satan to him, "you act as though you
owned the place." "Sure," said the man, "my wife
gave it to me while I was on earth."

"Just where did the automobile truck hit you?"
asked the lawyer.

"Well," said the injured young woman, "If I
had been wearing a license plate it would have been
badly damaged."

"Luck's always against me," mourned Snickel.

"Unburden yourself!" counseled Fritz.

"Well, last night I was rowing on the lake. The

**Lufkin Units In the Land
Of Manana****(Continued From Page One)**

In a country so far removed from accessible
equipment stocks, this company will realize the ad-
vantage of Lufkin Units, in that the cost is very little
more, if any, over standard rigs, with practically no
repairs or replacements required for years. Low op-
erating costs are maintained in-as-much as they
require very little attention. The fire hazard is en-
tirely removed and in the event wells play out the
equipment can be readily moved to a new location,
realizing 100 per cent salvage value, less concrete
foundations.

Lufkin Units are becoming known throughout
the world as the only geared pumping equipment
that is especially built for oil well service, which
includes a complete machine; in which the balanc-
ing of the well is efficiently accomplished and with
practical hoisting equipment that can always be
depended upon for this severe service.

moonlight was maddening. The air was like wine.
Romance danced on the rippling waters. It was a
night of nights for lovers. The woman with me was
young and beautiful."

"Is that your idea of hard luck,"

"Certainly. The woman was my wife."

"How did the story pan out about the man up
in the Bronx who found a big hailstone on his back
step this morning?" asked the city editor.

"Nothing in it," replied the reporter. "He dis-
covered it wasn't a hailstone after all. The iceman
left it there."

Our idea of absent-mindedness is the bride who
walks home from a ride with her husband on their
wedding night.

Tit For Tat!

Young Woman: "Whose little boy are you?"

Sophisticated Willie: "Be yourself! Whose sweet
mama are you?"

If you tell some men anything it goes in one
ear and out the other—and if you tell any woman
the same thing it goes in at both ears and out via
the mouth.

A physician, who was having some electrical
work done, came in just as the contractor's bright
apprentice was winding a lot of insulating tape about
a connection.

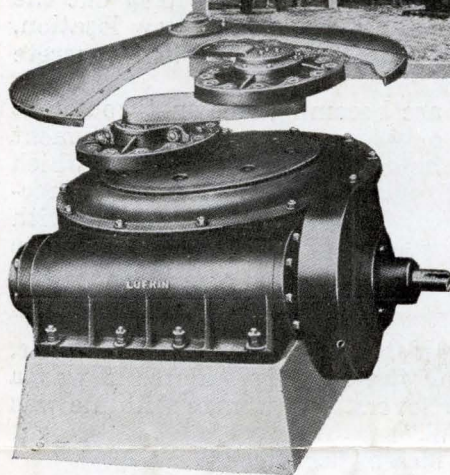
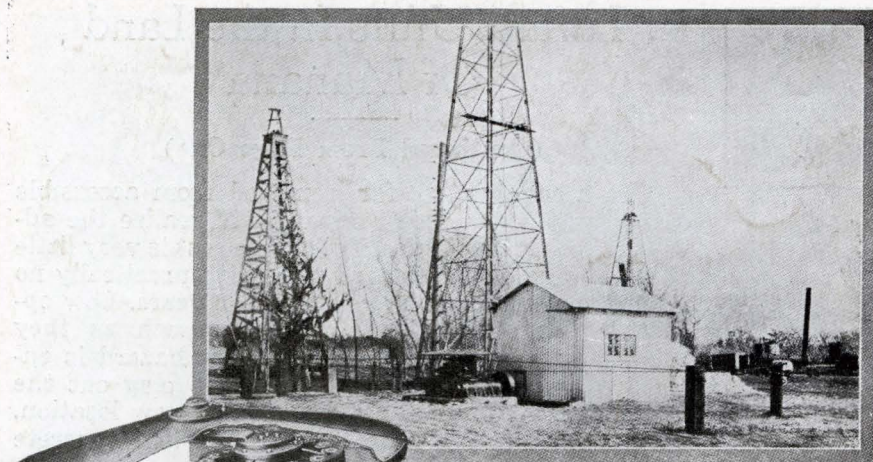
"Well," said the eminent M. D., "I'll bet that tape
serves to cover a lot of your mistakes."

"Righto," was the cheerful rejoinder, "and I'll
bet a spade covers up a lot of yours."

The Lufkin Line

WITHOUT A PEER

In Shallow Fields Lufkin Worm Geared POWER AND BABY UNIT



Lufkin Worm Geared Power---

Designed to Handle 24 Wells

Timken and Hyatt Bearings
Used Throughout.

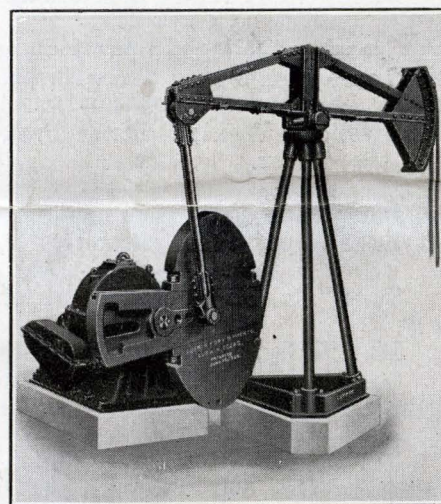
Alemite Lubrication.

Renewable Bronze Bushings.

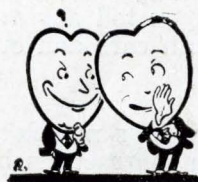
Eliminates Large and Expensive House—Band Wheel—Belts
Absolutely Fireproof—Automatic Lubrication

LUFKIN BABY UNIT

Especially designed for light wells, 2,000 ft. and under. Fills a demand for individual service, especially in rough country where powers are not practical. Can be placed on derrick floor and walking beam has a swivel head to permit turning at right angles when cleaning wheel.



Lufkin Baby Unit For Wells 2,000 feet and Under



I'm Ready to Have That Heart to Heart Talk About Pumping
Equipment—Send Me Your New 1928 Catalogue.

I'm Interested Particularly In:

Pumping Units..... ☐

Powers..... ☐

Depth of Wells.....

Drilling With.....

Name

Title

Company

City

State