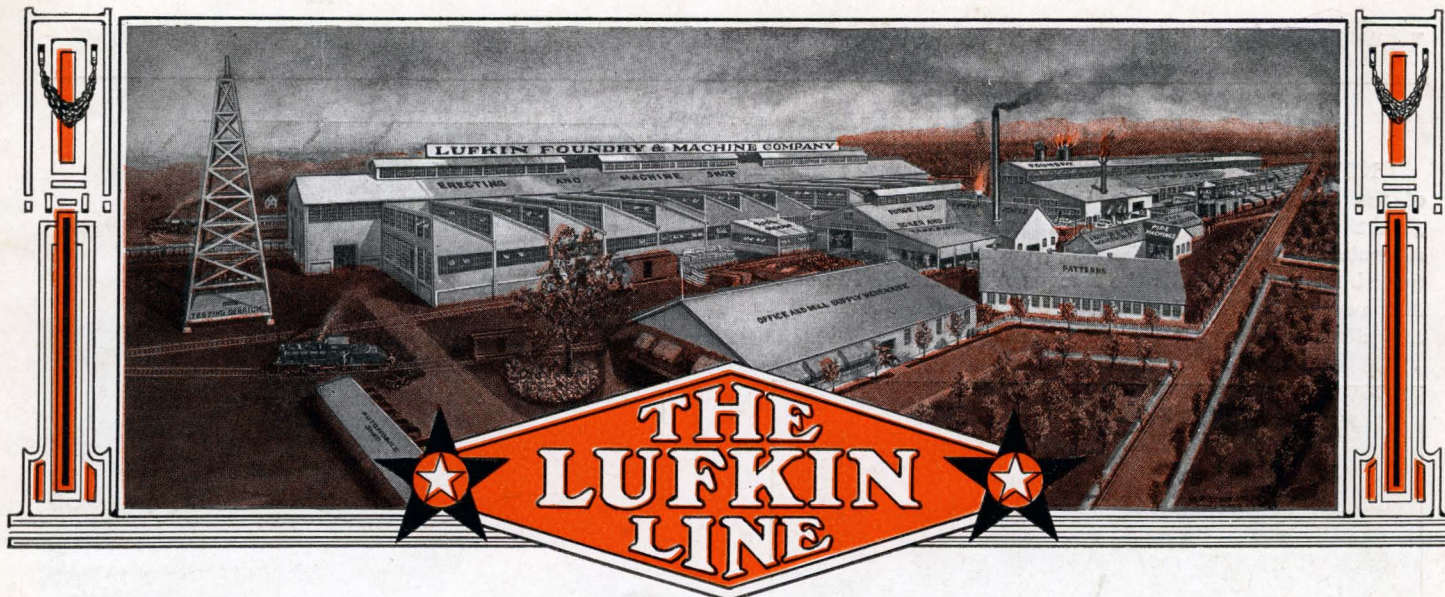




Published monthly to advance and promote friendly service with the customers of The Lufkin Foundry & Machine Co., Lufkin, Texas

Vol. 8

October-November 1928

No. 5

International Petroleum Exposition

❖ ❖ ❖ TO BE BIGGER AND BETTER THIS YEAR ❖ ❖ ❖

WORLD'S FAIR of the Oil Industry, to be held in Tulsa, Oct. 20-29 will be the largest gathering of representatives of a single industry in the world, and will show more than \$10,000,000 worth of exhibits selected as latest advances in the petroleum industry.

The International Petroleum Exposition and Congress, as the Tulsa Oil Show is known where ever petroleum is produced, brings executives, scientists, refiners and marketing experts from all parts of the world to a common meeting place where the brain and labor of the industry are represented in tangible form.

Estimates on the probable attendance at the exposition range from 250,000 to 300,000. In Texas two special trains are already arranged for and from Fort Worth alone 390 oil men have made passenger reservations. There will be a large representation from West Texas and the Gulf Coast, it is now assured.

Among the exhibitors in the purely scientific and technical department are: the American Petroleum Institute, the United States Bureau of Mines,



International Petroleum Exposition, Tulsa, Okla., October 20 to 29

the American Assoc. of Petroleum Geologists, the United States Geological Survey and the geological surveys of a dozen States, the Purchasing Agents Asso., the National Safety Council and others.

Arrangements are expected to be announced soon on proposed educational exhibitions by a number of foreign countries. Beside the display on geo-physical instruments, including the torsion balance, the seismograph, and the magnetometer, there will be microscopes available with numerous

specimens for those interested in micro-paleontology. Dr. Chas M. Gould, director of the Oklahoma Geological Survey, promises the largest and best geological exhibition ever shown in the United States.

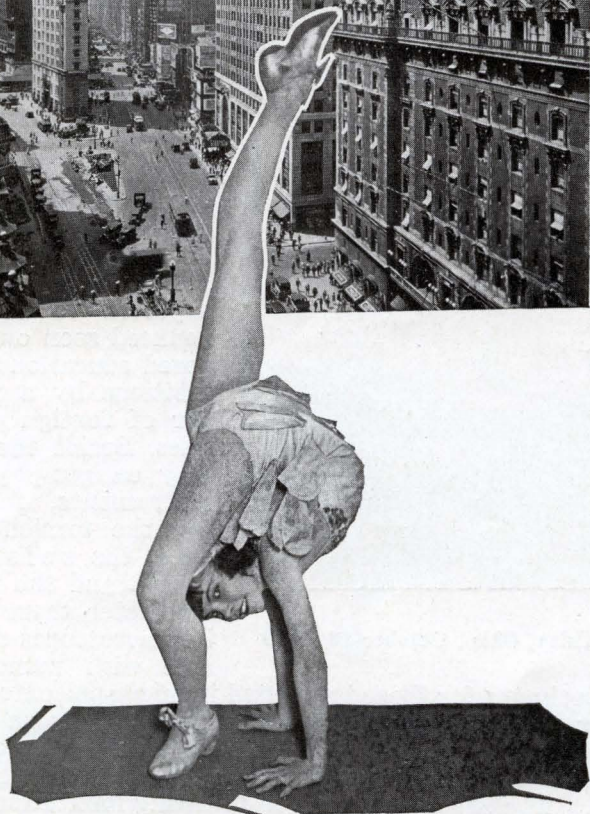
The exposition is a non-profiting institution and in the grounds it will be impossible to purchase anything except food and smokers' necessities. While the carnival spirit has been thoroughly eliminated, there will be lighter touches and proper entertainment.

There will be a complete exhibit of Lufkin Equipment in charge of our Oklahoma representative, W. W. Trout, who will be glad to explain the Lufkin Line.



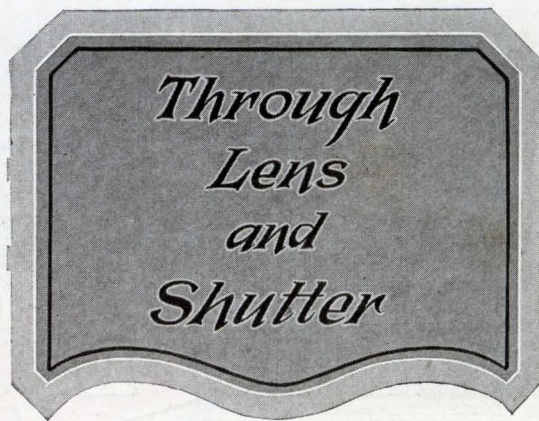
"THE CROSSROADS OF THE WORLD"

NEW YORK CITY—An unusually beautiful photograph of the world-famous Times Square, watched over by the gigantic Paramount Building. The triangular building to left of center is the Times Building after which the Square was named. At lower right is the famous Astor Hotel. The street in the center is Seventh Avenue, while the street coming into Seventh Avenue at the Square is Broadway.



LITTLE MITZI HAS DANCED HERSELF TO FAME

CHICAGO—Little Mitzi Mayfair who is now playing at a local theatre in Chicago. She is doing an acrobatic twist which is only one of the many turns and steps that has made her known as America's most distinguished acrobatic dancer.

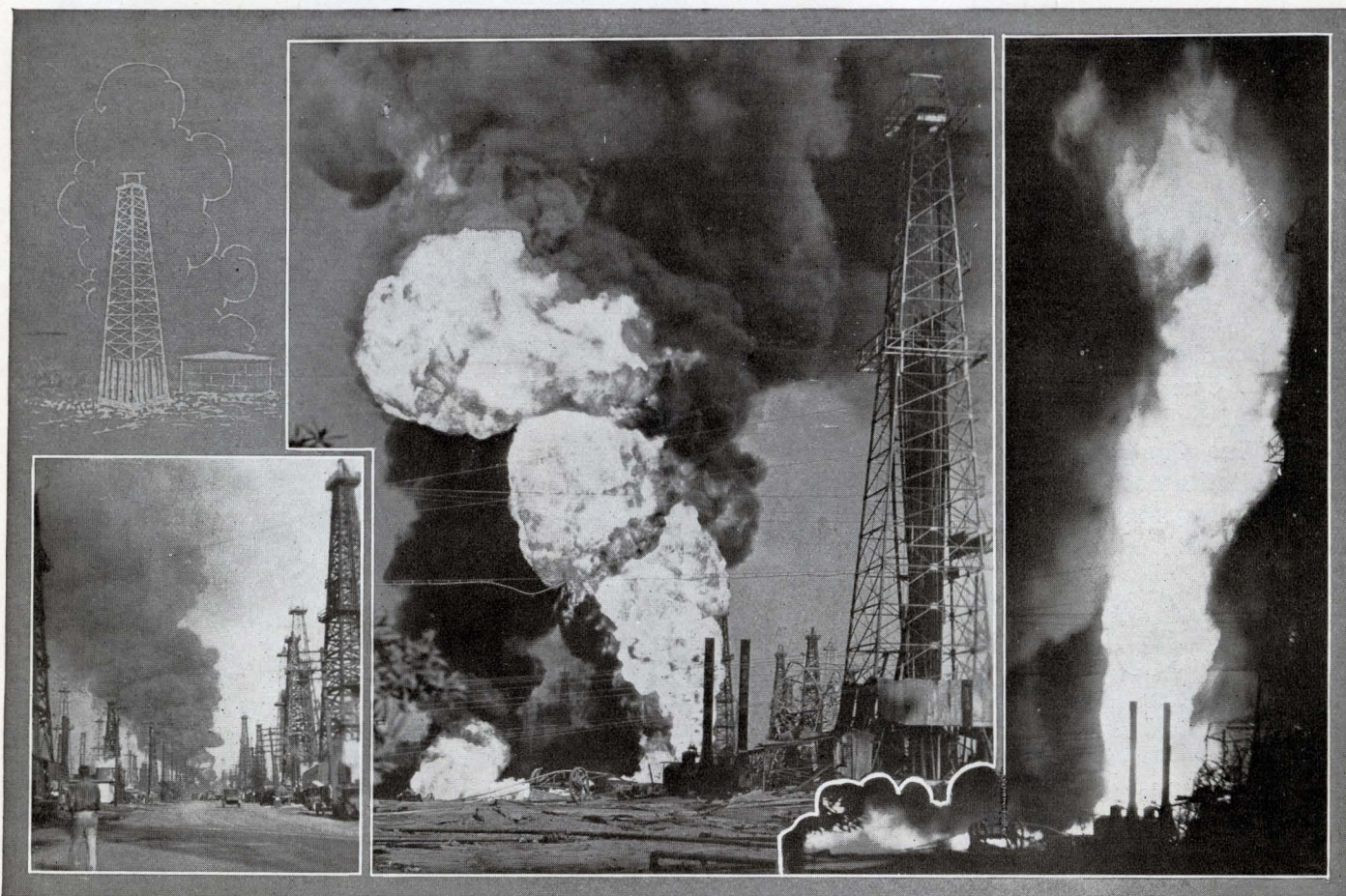


"YE SPIRIT OF HALLOWE'EN"

Bewitching and cunning Little Dorothy Dix, Hal Roach comedy player, is the personification of the spirit of Hallowe'en.



The Getty Gasser at Its Height— Santa Fe Springs, Calif.



THE BLAZING GETTY GASSER—Left: How the gasser looks from police lines on telegraph road. Center: close up of gasser—note twisted steel derricks—red hot. Right: Night scenes of gasser. Note fire out to one side caused by drill pipe or Kelley stem bending over due to intense heat. Gas coming out of this pipe ignited, but sand soon wore a hole through this pipe right over the well and oil and gas is now coming out of this opening.



THE whole industry is very much interested, when this issue goes to press, in the fire on Getty No. 17 Gasser at Four Corners, Santa Fe Springs, California, which has been burning for almost 30 days at a daily loss estimated at \$20,000.00.

The oil industry is interested particularly in the method now being employed to muzzle the gasser, since the usual methods of dynamiting or smothering with steam and mud have been abandoned. The General Petroleum Company whose leases surround the Getty property on three sides, and who share with Getty their loss to their surface equipment entailed by the blowout, is in charge of the attempt to muzzle the gasser. The General Petroleum Company officials co-operating with the Getty officials described the process to be attempted as follows:

"A tunnel is now being constructed about 150

feet from the base of the burning gasser, and about 60 feet below the mouth of the well. With specially built tools, engineers hope to penetrate the various sizes of pipe in the hole, insert a ball which will be carried up through the drill pipe by the force of the gas and oil now coming, and be lodged in the next smaller joint, thus effectively shutting off the flow of oil.

The next step will be to pour in sufficient heavy mud and hematite to kill both the gas and oil and cap the well.

Preliminary to building the tunnel a protective covering of asbestos will be constructed. Any attempt to smother the flames from the surface have been declared impractical, since the "junked Kelley" serves as a hindrance to enter the well from the top

(Continued on Page Four)



On Jergins Trust No. 24, Long Beach, Calif.

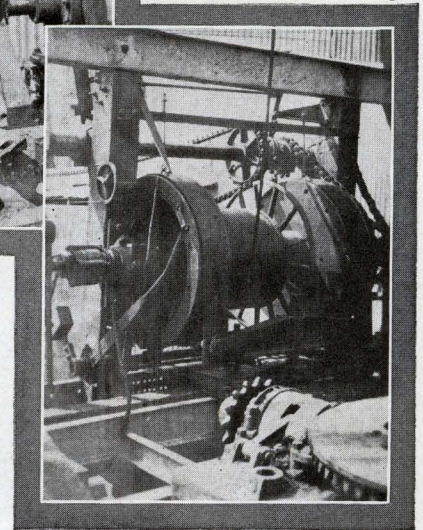
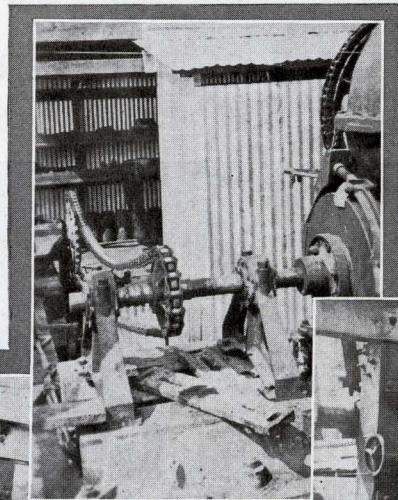
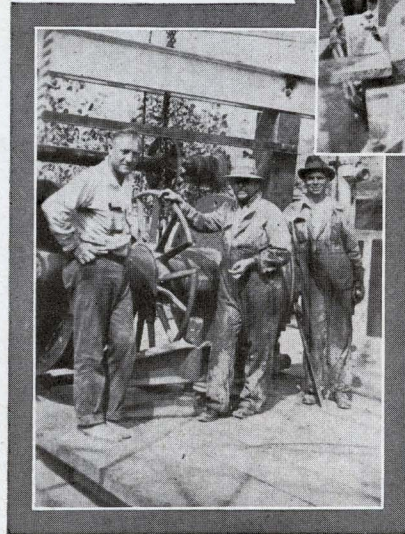
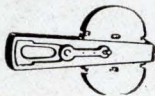
Upper Center—Steam engine hook-up on Lufkin Unit during drilling on 7,500 foot well, Jergins Trust, Long Beach, California.



Lower Right—Hoist on No. 24 Jergins Trust Company, Long Beach, California. Ready to handle any job on the well where the probable depth will be 7,500 feet.



Lower Left—Installing heavy duty California Hoist, Jergins Trust, Long Beach, California. Left to right: Tom McCarty of the Jergins Company; Fred Yeager of Lufkin Foundry & Machine Company, and "Blondy" the tool pusher, who are always happy with Lufkin Units.



All Lufkin Equipment is designed in accordance with A.P.I. Standards

THE GETTY GASSER (Continued from Page Three)

were it possible to gain access with steam line, miles of which have been laid, only to be abandoned later when the General Petroleum was placed in charge of the task.

The General Petroleum plan will be to penetrate the surface casing about 40 feet below the surface, cut through the various casings and with a special clamp and drill to carefully cut through the drill pipe and insert the ball in the hope that it will be carried up and lodged in the seat of the two joints of pipe. The task of building the tunnel will be in charge of a mining engineer familiar with timbering, etc., after which the General Petroleum officials will proceed with their end of the job.

Efforts to estimate the amount of damage done were declared futile, but it will run into the hundred thousands. Getty officials believe that the principal damage will be confined to surface equipment and loss of gas and oil from the burning gasser, with the possibility that the gas head in this area may be sharply reduced. While the flow of oil feeding the flames has increased it is known that an oil fire is easier to quench than a gasser.

This was what happened in the Getty hole: The latter was bottomed at 5,409 feet, 150 to 200 feet above the Buckeye zone, and not on top of that zone

as currently reported, Getty officials state. It was after circulation had been lost that 30,000 barrels of heavy mud were dumped into the hole, followed by a quantity of cement, in an effort to prevent just what happened. Sparks from the nearby boilers are believed to have ignited the gas, causing the explosion which crumpled the 122-ft. derrick like kindling.

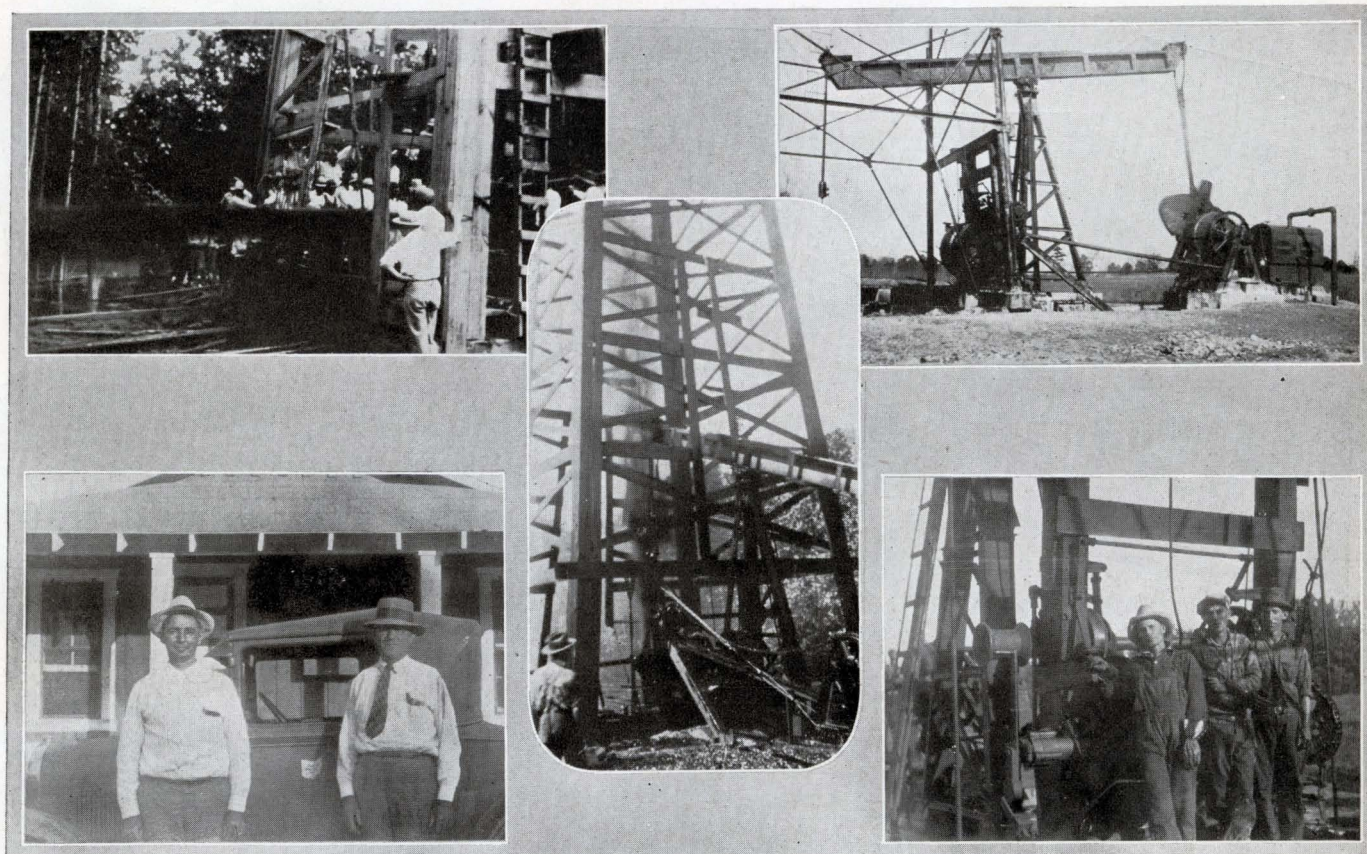
The Getty gasser presents a wonderful sight by day or night. The flames and smoke rising 120 feet in the air above the derrick makes a scene for a great distance. Much credit is to be given the County Fire Department and the oil companies for the fight they have waged to save the field of any spread of destructive blaze. Illustrative of the work done to confine the fire, is the fact that the Santa Fe's main line to San Diego passes within barely the distance of a half a city block from the burning well, yet the tracks are perfectly clear and traffic proceeds without the slightest interruption.

LATER:—Word has just reached us that gasser flame has been snuffed out by means of cutting Kelley loose and running an overshot into the well enabling high pressure pumps to force cement, heavy mud and water into the well. Work was continued on the underground chamber connecting the well by tunnel to the surface as additional safety.



Lufkin Units in the Rainbow Field

EL DORADO, ARKANSAS



Upper Left—Rovenger Oil Company, Purdue No. 1. This well came in for 5,000 bbls. and equipped throughout with **Lufkin Equipment** while still flowing. Upper Right—Ohio Oil Company, W. R. Crane No. 3. 100% **Lufkin Equipment** from polish rod out. This equipment in operation 10 months without one cent for upkeep. Center: Magna Producing and Oil Well Corporation, Dumas No. 1. This well drilled in for 1,500 bbls. of oil and within few days dropped off to 800 bbls. Tools were put on well to clean out and deepened 4 feet with **Lufkin Equipment** and brought production up to 4,200 bbls. in 24 hours. Lower Left—(left to right) J. S. Hassom. Right: M. J. Pipsaire, General Superintendent and Drilling Superintendent respectively, of the Ohio Oil Company in Louisiana and Arkansas. Ohio Oil Company first to install **Lufkin Equipment** in Rainbow field. Ohio Oil Company drilled the discovery well in the Rainbow field. Lower Right—Record holding crew of the Ohio Oil Company in the Rainbow field. Left to right—C. A. Quillen, Gang Pusher; J. H. Sheridan, Helper; E. L. Bell, Helper. This crew hold the record in the Rainbow field for time pulling rods and tubing: on 3,000-ft. well using 2½" tubing and ¾" rods, round trip from beam to beam, 7 hours,

15 minutes with **Lufkin Intermediate Unit, No. 2** hoist, No. 75-JV Buda Engine, using natural gas fuel. All Ohio wells **Lufkin Equipped** throughout.

Rainbow field 50% **LUFKIN EQUIPMENT**.



EL DORADO, ARK., WAREHOUSE



A complete stock of Lufkin Units, Hoists and Buda Engine parts will be carried in this warehouse. C. S. Hardin is in charge, Box 846, Phone 1023-W.



Our Staff Photographer Puts in a Few Licks While Attending the Galveston A. P. I. Meeting—



No. 1—C. S. Fisher, Simms Oil Company, Okmulgee, Oklahoma; right: L. E. Lewis of the Simms Oil Company, Crane County, Texas, both of whom are active in A. P. I. circles and standardization methods.

No. 2—Alex Fields, Roxana Petroleum Company, Winkler, Texas, who read a paper on "Methods of Completing Wells." Mr. Fields is quite active in A. P. I. work.

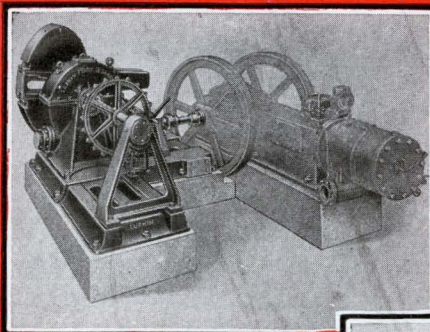
No. 3—E. H. Shradder, Southern Crude Oil Company, Shreveport, La., who read a very fine paper on "Pumping

Equipment in Winkler County, West Texas."

No. 4—"Denny" Moore, Electrical Engineer for the Production Department of the Humble Oil & Refining Company, who injected considerable "food for thought" into the meeting on electrical and power problems.

No. 5—Right: W. D. Brookover, Panhandle Refining Company, Wichita Falls, Texas, who read a paper on the "Analysis of the A. P. I. Standards of Casing, Drill Pipe (Continued on Page Eight)

LUFKIN



700 Lufkin Units In Use

By
51 Domestic

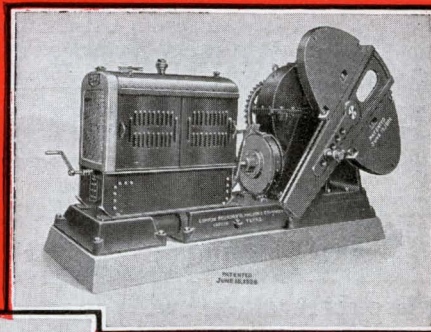
And

5 Foreign Customers

10-1-28

Direct
Connected
To Single
Cylinder
Engine

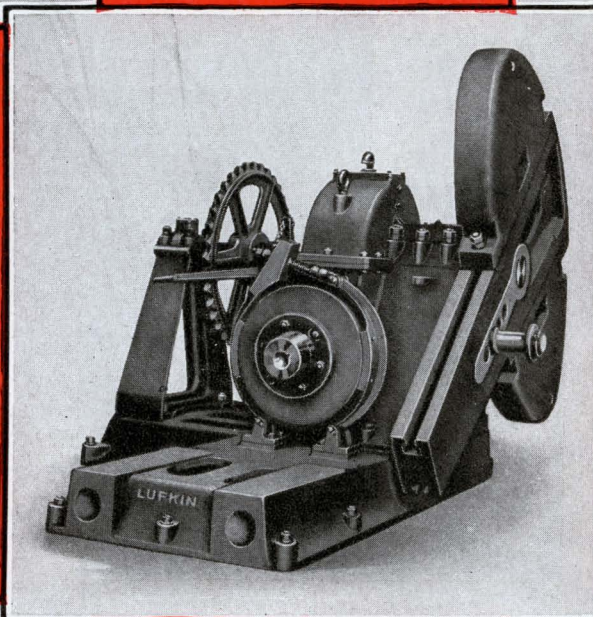
Direct
Connected
To Buda
Engine



Universal—

Made in four sizes with varying gear ratios, and designed to connect with any type of power, for pumping, pulling and drilling from the top of the ground, certainly entitles the Lufkin Worm Gear Unit to be known as the "Universal Unit."

Below—Lufkin Worm Gear Power



We Also Furnish—

Hoists in suitable sizes to meet well conditions.

Walking Beams.

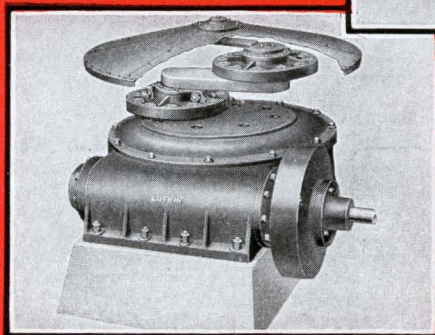
Samson Posts

Trout Pitmans—

dust-proof, oil tight,
self-lubricating.

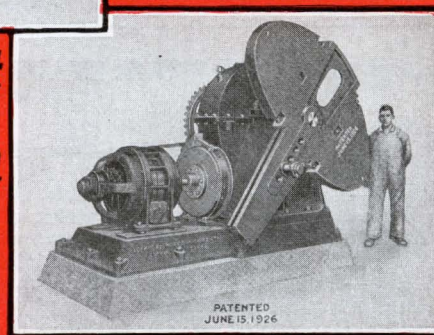
All designed for operation with the "Universal Lufkin Unit."

Below—Lufkin Unit Connected to Electric Motor



*The Universal Unit
for
Pumping, Pulling & Drilling in*

SEND FOR OUR
COMPLETE CATALOGUE



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



New Wellan Canal Locks

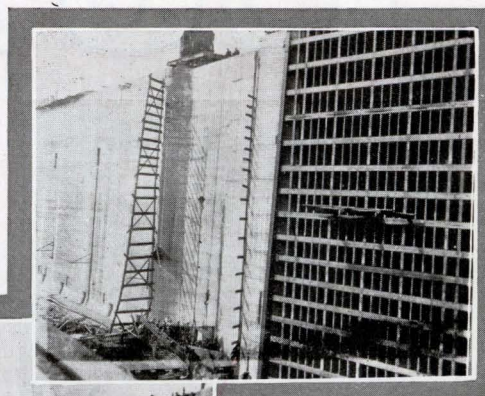
A WONDERFUL PIECE OF ENGINEERING
THAT FEW PEOPLE KNOW ABOUT

Unfortunate Accident Takes Lives of Fifteen Men

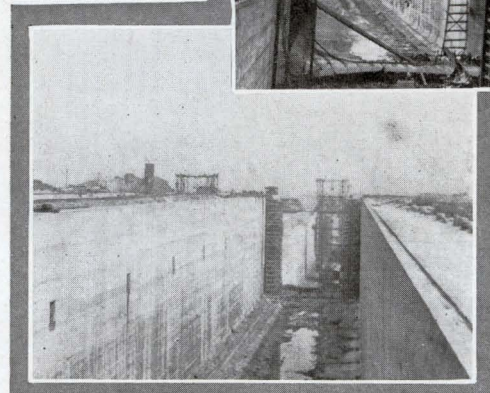
PHOTOS show New Wellan Canal Locks which, when completed will connect Lake Erie and Lake Ontario. When complete there will be two east and two west bound canals with four locks which will accommodate the largest lake steamers. Lower left shows how locks will look when completed.

One of the gates weighing 450 tons, being built in place, was knocked over by the fall of a hoisting line burying fifteen men beneath it. Upper right and center photos taken immediately after the accident and shows the dead and injured being removed.

Photos taken by W. C. Trout while vacationing in Canada during September.



New Wellan Canal Locks. Removing dead and injured after gate had fallen.



The New Wellan Canal Locks nearing completion. A fair view of size can be realized from this photo.

OUR STAFF PHOTOGRAPHER PUTS IN A FEW LICKS

(Continued from Page Six)

and Tubing." On the left: Mr. Dave Donnahoe, Wichita Falls, Texas.

No. 6—Left: Frank Bass, Humble Oil & Refining Co., Hull, Texas. On the right: Mr. Patrick of the Houston Oil Co., Daisetta, Texas, two superintendents who are actively co-operating in A. P. I. Standardization Methods and Equipment.

No. 7—Left to right: H. W. Scott, Supt. Simms Oil Co., Smackover; Mr. Holloway, Assistant to W. E. Todd of the Simms Oil Co., Dallas, and Frank Gardner, Chief Engineer of the Simms Oil Co., Dallas.

No. 8—J. S. Abercrombie, J. S. Abercrombie Co., who read a paper on "Analysis of Use of A. P. I. Standards on Casings, Drill Pipe and Tubing."

No. 9—Left to right: D. B. Harris, Humble Co., Shreveport, District Manager for North Louisiana and Arkansas; W. W. Scott, Chief Engineer of the Humble Co., Houston. Mr. Scott is very active in A. P. I. circles and read a paper on "A. P. I. Standards of Casing, Drill Pipe and Tubing in North Louisiana and South Arkansas." Mr. Scott is head of the Production Committee in the Texas, Louisiana and Arkansas District of the A. P. I. Division of Development and Production Engineering.

No. 10—J. A. Holmes, Southern Crude Oil Company, Wicket, Texas, who is actively interested in production methods of A. P. I. Standardization.

No. 11—R. B. Kelley, General Manager, Pure Oil Company, Fort Worth, Texas, and Chairman of the Division A. P. I. Meetings in this District.

No. 12—Harold Vance, Production Engineer, Marland Oil Co., Big Springs, who read several papers before the A.P.I.

No. 13—"Doc" Fountaine, one of the "men behind the guns" of the Production Department of the Humble Oil & Refining Company, Mrs. Fountaine and son.

No. 14—Arthur Bieling, Superintendent of the Corsicana District of the Humble Oil & Refining Company.

No. 15—Harry Edwards, Superintendent of Production of the Northern Division of the Humble, Houston. Mr. Edwards is a champion for A. P. I. Specifications and Equipment, and a leader in "Advanced Ideas of Production."

No. 16—Walter Mier, Atlantic Oil & Refining Company, Dallas, Texas, who is Secretary of the A. P. I. Meeting, and quite active in A. P. I. work.

No. 17—Melbert Swartz, Chief Engineer, Rio Bravo Oil Co., Houston. At the recent Ft. Worth meeting, Mr. Swartz read a fine article on "Modern Deep Well Drilling Practice."

No. 18—"Doc" Fountaine of the Humble Company.

No. 19—Our "worthy competitor," Mr. Black of the Beaumont Iron Works. The worried look?

No. 20—Chas. Homer of the Rycade Oil Corporation, a very practical operator who is interested in A. P. I. methods of equipment.

We regret that we are unable to show pictures of a number of other prominent oil men who took part in the Galveston A. P. I. meeting, namely: Mr. R. E. Whiting, Atlantic Oil Producing Co.; Mr. W. C. Thomas of the Vacuum Oil Co.; Mr. C. W. Alcorn, Roxana Petroleum Corp., Dallas, and others.



Some of the Many Adaptations to Lufkin Units ❖ ❖ ❖ ❖

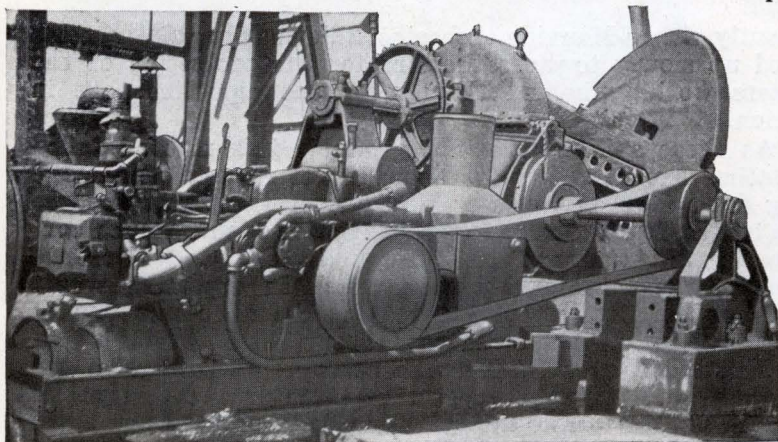
Lufkin Units May Be Adapted to Any Condition

Every now and then some of our good friends have some method of hook-up or particular kind of drive, using first one means of power and again another that they want to use in connection with our Units, and in no instance have we found it impossible to meet those demands. It is for this reason LUFKIN UNITS are known as "Universal Units" in that they can be arranged to suit any condition.

steam engine with a Lufkin rig will take care of any emergency in either handling casing or drill pipe.

Upper right, shows how simple it is to connect Lufkin Worm Geared Powers to electric motor with Texrope Drive. Installation is one made for Gulf Production Company, Boling, Texas. Only a small house to protect motor and controls necessary, eliminating usual band wheel power requirement of large expensive house, belts, etc.

Lower right, shows Lufkin standard unit with

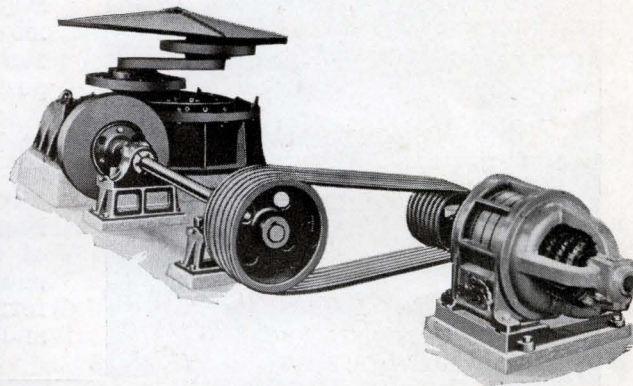


Lufkin Unit Connected to Rumley Oil-Pull Engine

On this page we are illustrating some of the various hook-ups which may interest some of our friends.

Top left, shows an illustration of our Standard Unit hooked up with Rumley Oil Pull Engine with tentacular drive for the Roxana Petroleum Corporation at Wink, Texas.

Lower left, shows installation for the Jergins Trust Corporation, Long Beach, California, showing hook-up with steam engine while well is being drilled with an electric drilling rig and an auxiliary boiler is used for heating, cleaning and other purposes around the well. Should the electricity fail, the

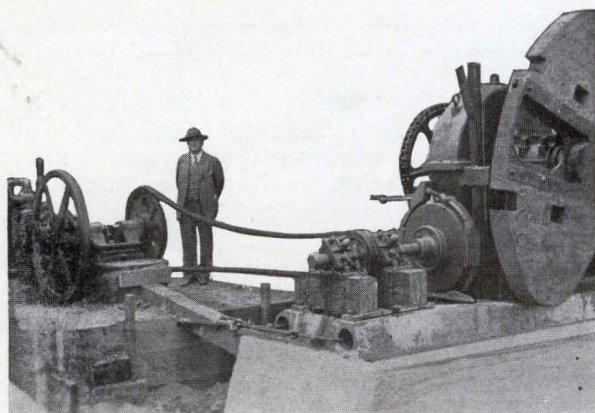


Lufkin Power with Electric Motor and Tex-Rope Drive

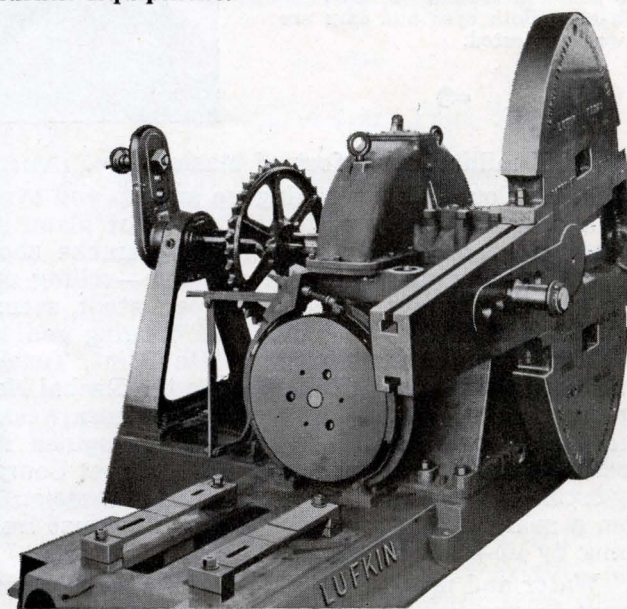
extra crank for pulling water wells or shallow oil wells. Installation on lease of Cosden & Company, Big Springs, Texas.

Let us know your requirements; we have a unit to suit.

51 Domestic and 5 Foreign Companies using Lufkin Equipment.



Lufkin Unit Connected to Steam Engine



Lufkin Unit with Extra Crank



How They Battled That FLAMING GASSER at White Point, Texas



Through the courtesy of the Johns-Manville Corp., manufacturers of J-M Packing—Brake Lining (which is Standard Equipment on all Lufkin Hoists) etc., we are able to reproduce below an interesting story, illustrated, concerning the big ignited gasser at White Point, Texas.

sequently Johns-Manville Asbestos Shields are often used, moved up slowly towards the fire for the protection of the fighters working behind them, until the pipe lines are in position.

As these shields were not available this method failed at Rachal No. 7, and with thousands of dollars of damage being done each day, it was time more stringent measures were taken. Tex Thornton, veteran fighter of many such conflagrations, in charge of the battle, undertook to lay a charge of nitroglycerin into the crater, which in exploding would snuff out the flames. Fifty quarts of the nitro were therefore sealed into a tube and on January 27th Tex took this and, dressed in a Johns-Manville asbestos suit, went to the very edge of the crater and dropped it into the burning hole. He came away again and the nitro was fired. The force of the explosion shook the earth and was felt in the neighboring town. The fire halted but for a moment. The white hot sides of the geyser were, however, too much for the rushing gas, and again the flame leaped to the sky, and smoke rolled from the earth. The fire was not yet extinguished.

Above—A breathing space before the next attack. Notice that Thornton wears his asbestos suit right over his regular clothing. He has used more than a dozen of these J-M suits. Right—Both eyes and ears are well protected.



On Saturday, the following day, Mrs. Thornton, the wife of the gas fire fighter, left Amarillo for Corpus Christi in an automobile with 210 quarts of nitroglycerin and T. N. T. She arrived two days

FORTY million cubic feet of blazing gas! Dense, black clouds slowly rolling up and up and over a scorched and breathless stretch of plain. A gigantic wavering column of blinding smoke shot through with lighting tongues of flame—rolling up from the very bowels of the earth, persistent, seemingly invincible. A veritable hell of burning gas!

That was the fire at the White Point, Texas, gas fields, near Corpus Christi, when the Rachal No. 7 gasser ignited January 19 and for fourteen weeks defied all efforts of fire fighters to extinguish it, causing damage to the property of the Saxet Company estimated at more than \$150,000. All occasioned from a spark struck by gravel thrown against iron piping by up-gushing gas!

Water and mud—tons of both—are usually employed to put out such fires. But to get the pipe lines near the crater's edge is no small task. Con-

later bringing this fresh supply to her husband to enable him to make another attempt to squelch the flame. Partial success resulted, and finally the blazing crater was reduced to a smoldering mass under control.

It was two days previous to the first effort at blasting out the fire, January 26th, that Johns-Manville Asbestos clothing played a part in the saving of a life. Harvy W. Diehl, a San Antonio news reel camera man, had come to Rachal No. 7 to take pictures of the flaming gasser.

He borrowed an asbestos suit from Tex Thornton and boldly walked close to the fire with his camera.

Standing still—too close to the flame, Diehl was overcome from gasses and fell, with camera still clicking.

Other camera men were there, and they tried

(Continued on Page Eleven)



Pete Little=Benedict



L. A. (Pete) Little and Bride

With the thought in mind, no doubt, that he was putting over a fast one on someone, Pete Little takes unto himself a wife.

Pete has been our utility "Pinch Hitting" sales engineer and has been in practically every oil field of any importance in the South within the past year doing special work of an engineering nature. Pete will now be located permanently in the North Texas fields, with headquarters at Wichita Falls, Texas.

The bride, before the disaster, was Miss Tennie Thomas, a charming and accomplished member of an old Lufkin family.

The marriage was solemnized in the First Baptist Church of Lufkin on September 15th.

HERE'S THE JOKES!

*The First Thing
I Look For*

(Ed.)



Sister Smith humbly declined testimony at a revival, saying:

"Ah's been a black sheep all mah life. Mah place is in a dark corner behind de door."

Brother Jones rose and said meekly:

"Ah too has been a sinner. Mah place is behind de door in a dark corner, wid Sister Smith."—Bruce Magazine.



The teacher was explaining to a class of small boys and girls the meaning of the word "collision."

"A 'collision,' " she said, "is when two things come together unexpectedly. Now can anyone give me an example of a 'collision'?"

"Twins!" said the Class Idiot.—Pacific Legion.



The sweet young thing had broken her glasses. She took the remains of them back to the optometrist. "I have broken my glasses," she said, "do I have to be examined all over again?"

The young optometrist sighed.

"No," he answered; "just your eyes."—Hercules Record.



She—"Did I ever show you the place where I hurt my hip?"

He—"N-no."

She—"All right, we'll drive over there."



A veteran rescuer, too. Overcome by the blasting heat and gases, camera man Dichl had a narrow escape from roasting, when other photographers failed to bring him back to safety. But Tex, asbestos protected, succeeded.

Flaming Gasser



(Continued from Page Ten)

to rush out and rescue him, but none could come near enough.

Tex Thornton, already dressed in his asbestos clothes, slipped the helmet over his head, and ran out to the stricken man.

Tex took Dichl in his arms and brought him to his feet, and with the camera in one hand, carried him back to safety.

Dichl was stripped of his clothing and revived.

Thank's to Thornton's quick action, and the protection of his borrowed asbestos suit, he had suffered no real injury from his experience.

LUFKIN

Lufkin Units—

May be adapted
to most any sort
of drive. ■ ■ ■ ■ ■

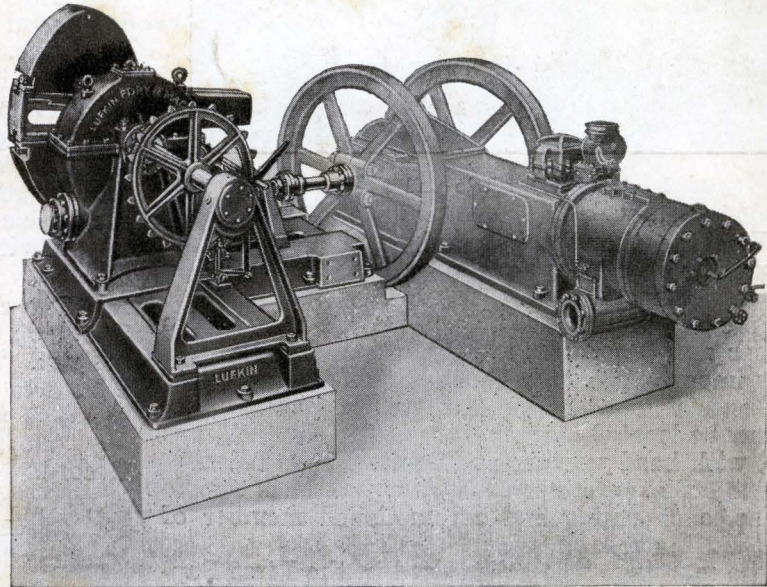


Remember—

Lufkin Units are made in
Five Sizes with varying
gear ratios to meet the
requirements of any well
condition. ■ ■ ■ ■ ■

Lufkin Standard Unit

Direct Connected to Reid Gas Engine



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