

# The LUFKIN LINE

THIRD QUARTER, 1939

VOLUME XVIII

NUMBER 3

A CORNER OF "OIL AT THE N. Y. FAIR"—See page 4



# *Did You* **KNOW...**

**That our entire effort** for fifteen years has been devoted exclusively to the improvement of oil-well pumping methods.

**That having concentrated** upon this one job alone, it is only natural that most of the improvements in design and in efficiency of gear units have originated with us. It was we who pioneered the application of reduction gears to oil-well pumping—We installed the first geared oil-well pumping unit—still in operation on a Gulf Coast lease.

**We are the originators** and sole patent owners of the TROUT Rotary Counterbalance crank—now universally in use and recognized by oil engineers as the most practical counterbalance application on the market.

**Although there are many gear units** on the market today—there is a great difference in the standards of the several recognized gear plants.

**At all times**—nothing but the highest quality of materials obtainable are used in our product—that the most efficient and most accurate tools on the market are used in the production of Lufkin units. Of this you may be sure.

## *There Is a Difference*

We'd like to tell you more. Our sales engineers will gladly call without obligation on your part to buy!

# The Lufkin Line

Published to promote Friendship and Good Will with its customers and friends and to advance the interest of its products by the Lufkin Foundry & Machine Company, Lufkin, Texas.  
AL E. CUDLIPP, Editor

Volume XVIII

3RD QUARTER, 1939

Number 3

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### THANKS TO "OUR SUN"

Concerning the Petroleum Industry's exhibit at the World's Fair "Our Sun," publication of the Sun Oil Company, in its June-July, 1939, issue, carries the most complete and comprehensive story it has been our privilege to read.

With the permission of the Sun Oil Company, we are reprinting this story "Oil on a Fair Horizon" in this issue of the LUFKIN LINE.

"Our Sun" is "SUN'S" "Family Magazine" and contains articles not only of interest to Sun employees, but to the general public as well. In addition to the story on "Oil at the World's Fair" the June-July issue contains a story on some of motordom's most noteworthy victories titled "Where Now, Motor Car?" Another interesting story "Trail Blazers" and still another "In Praise of Many Drivers."

"Our Sun" is an outstanding company publication.

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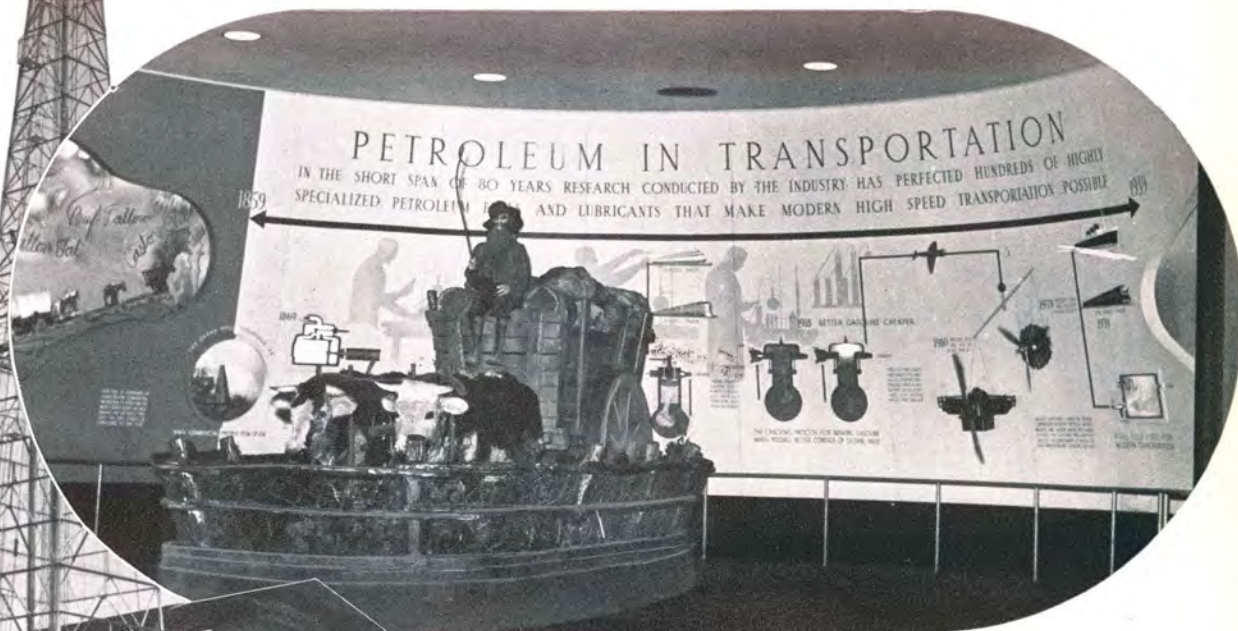
#### TULSA, OKLAHOMA

719 Thompson Building  
Phone 3-0204  
D. A. Reid

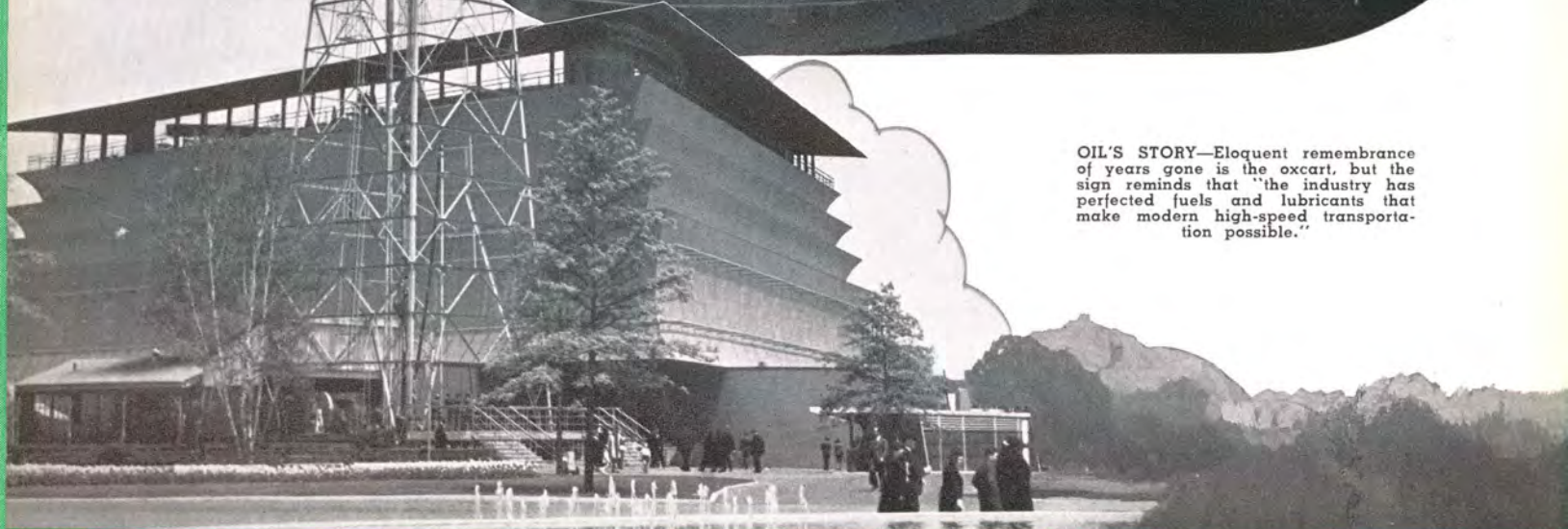
#### EXECUTIVE OFFICES AND FACTORY

Lufkin, Texas

OIL'S BUILDING—And alongside the Petroleum Building, a drilling rig, working . . .



OIL'S STORY—Eloquent remembrance of years gone is the oxcart, but the sign reminds that "the industry has perfected fuels and lubricants that make modern high-speed transportation possible."



# AN OIL DERRICK



**T**HE TALL OIL DERRICK which rises high and majestically in the skyline at the New York Fair serves a two-fold purpose.

It's a guide to show visitors where the Petroleum Building is located at the Great Show. And it serves its primary purpose as a means by which modern rotary drilling is actually carried on, a real demonstration of a real drilling rig boring down into the earth.

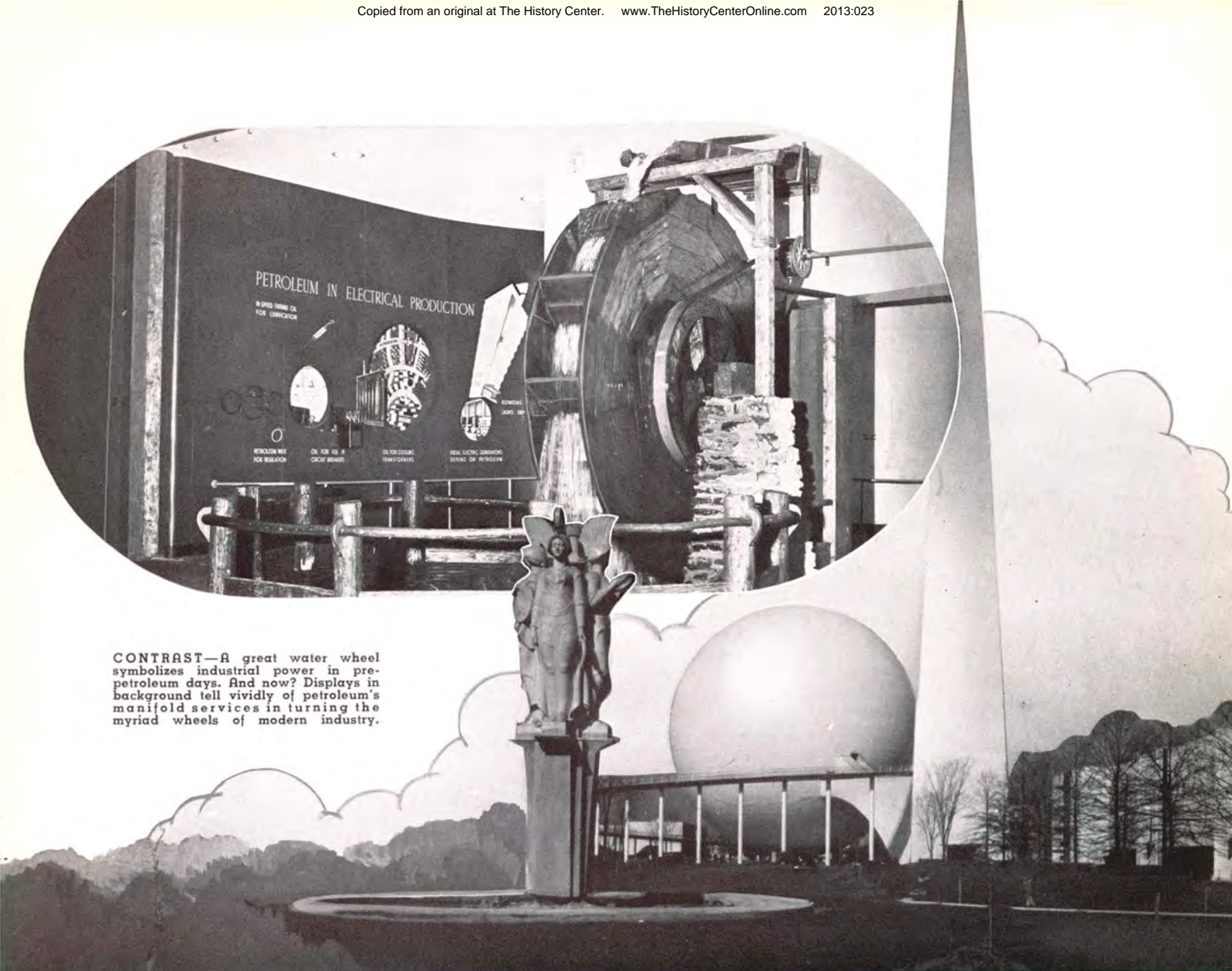
But over and above that, the presence of the imposing upright seems to say that here is a great industry which has a story to tell . . . a story written in deeds and development and progress . . . a story it would have each American know and appreciate. Certainly the industry may well be proud of that tale—justifiable pride shared by every employee who is a part of the oil industry.

So if some fine day you find yourself at the Fair, and we hope you will, look for that derrick. The Fair covers a lot of ground, and it might be well to note that the Petroleum Building with its derrick is located in the

DRAMA OF AN INDUSTRY. One of four huge murals.



**CONTRAST**—A great water wheel symbolizes industrial power in pre-petroleum days. And now? Displays in background tell vividly of petroleum's manifold services in turning the myriad wheels of modern industry.



# ON A FAIR HORIZON

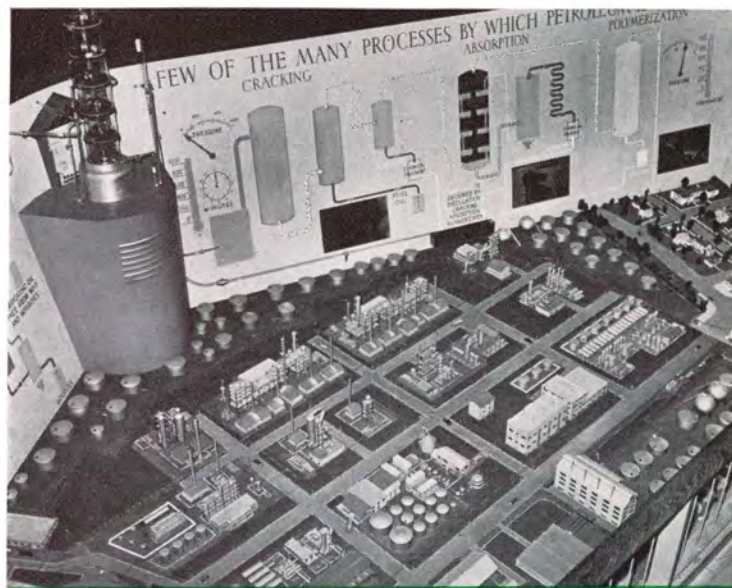
Reprinted by permission, THE SUN OIL CO.

Products and Distribution area, not very far from the famed Trylon and Perisphere. To save time and steps, imagine a line extending from the middle of the big ball called the Perisphere through the shaft of the Trylon. Eventually that same line, carried straight outward would about touch the edge of the Petroleum Building.

The picture on the front cover of this LUFKIN LINE shows exactly the relative position of Petroleum at the Fair to the Trylon and Perisphere. The last-named are easy to find . . . which makes it just as easy to locate your industry's exhibit.

Now let's suppose you've found your way. You approach the Petroleum Building, a large structure triangular in shape, painted in harmonizing shades of blue. It appears to be resting on four huge storage tanks. The sides of the building catch and reflect the rays of the sun—and an inviting place it is. And there's the word "Petroleum" lettered large on the walls.

A MODEL, activated shows interesting refining details.



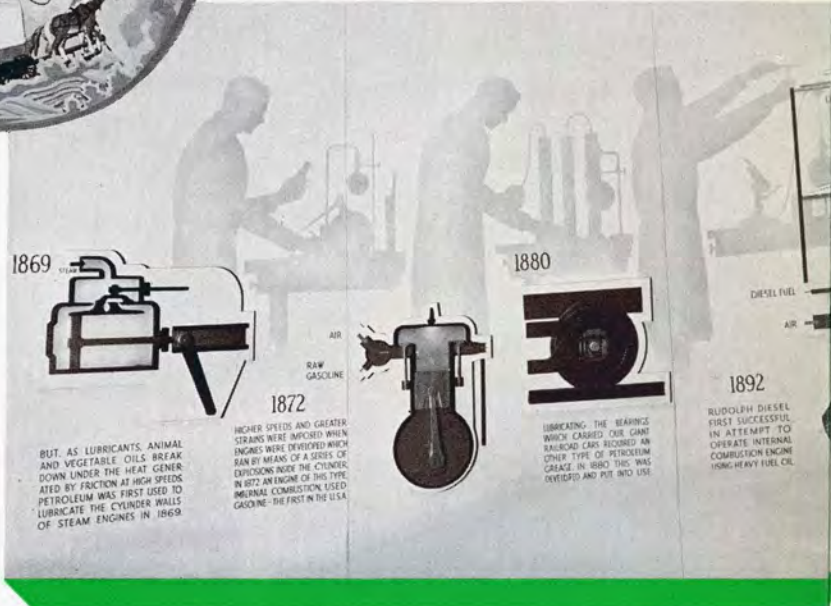


**CREAKING WHEELS, MOVING SLOWLY ONWARD—**  
 "For thousands of long years before the commercial production of petroleum, the world moved slowly. Animals and vegetables produced the only sources of lubricating oils," the World's Fair visitor is informed at this display.

That derrick will draw you as if it were a magnet. You approach and mingle with the crowd watching the drill crew. Around and around goes the rotary, as some of the drillers answer questions from onlookers. No, they say, there's very, very little likelihood of actually striking oil. It's just a demonstration to show how field men search downward for the prized fluid. How high is the derrick? Just one foot short of 200. It's most interesting, is that demonstration—interesting to oil men and the public alike.

But the building itself beckons, and after an intent survey of the pumping unit, the gas separator, the lease tank, the "Christmas tree" (valve arrangement which controls oil flow) and other actual equipment as used in the fields, you stroll inside the building. And this is what you see:

**OWNERS? FROM ALL WALKS OF LIFE—**Legions of workers share petroleum industry ownership, signs explain. "1,270,000 investors own 10 or fewer shares. Every city and town has its investors, marketers, consumers."



**Here Petroleum Speaks for Itself**

The Petroleum Building interior gives the impression of a tremendous canopy. The Great Hall of the Industry, they call that interior. Animated displays, maps, working models, giant murals and a motion-picture show make up the attractions to hold the interest of the World's Fair visitor.

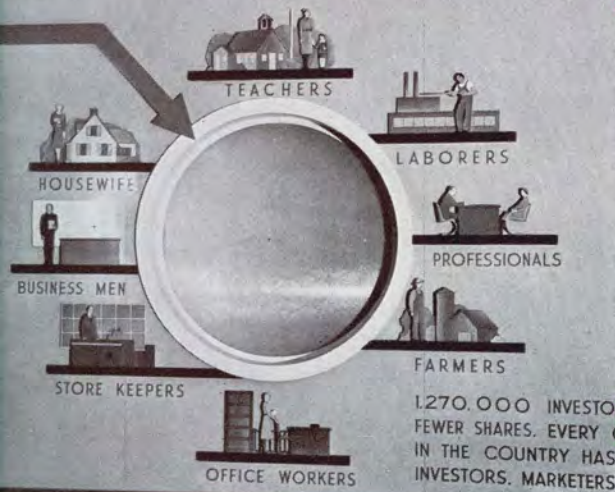
Perhaps first to catch the eye are four huge mural paintings high on the walls . . . colorful paintings which depict petroleum production, transportation, research and refining. They really *are* huge—about 59 feet square!

Another exhibit which by size alone—if for no other reason—would attract, is an interesting relief map with animated features. Its purpose is to reveal the expansion

**THE INDUSTRY WARS ON WASTE—**In production and refining alike, scientific methods make for conservation. Those savings eventually become savings for consumers of oil products.

**COMPETITION'S FREE REIGN . . .**benefits consumers, too. "Competition reduces prices" is the fact related by the heading; the animated display explains the point more in detail.

**OWNERSHIP**



**CONSERVATION**

**IN THE OIL FIELDS ASSURES PRODUCTION WITHOUT WASTE**

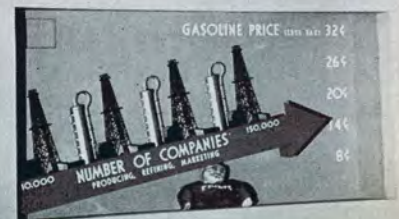
**IN REFINING SAVES GASOLINE USERS MILLIONS**



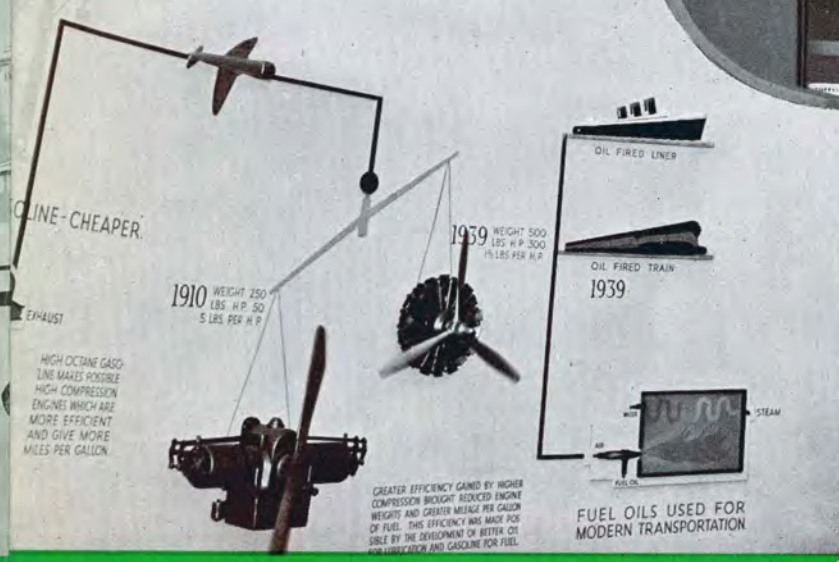
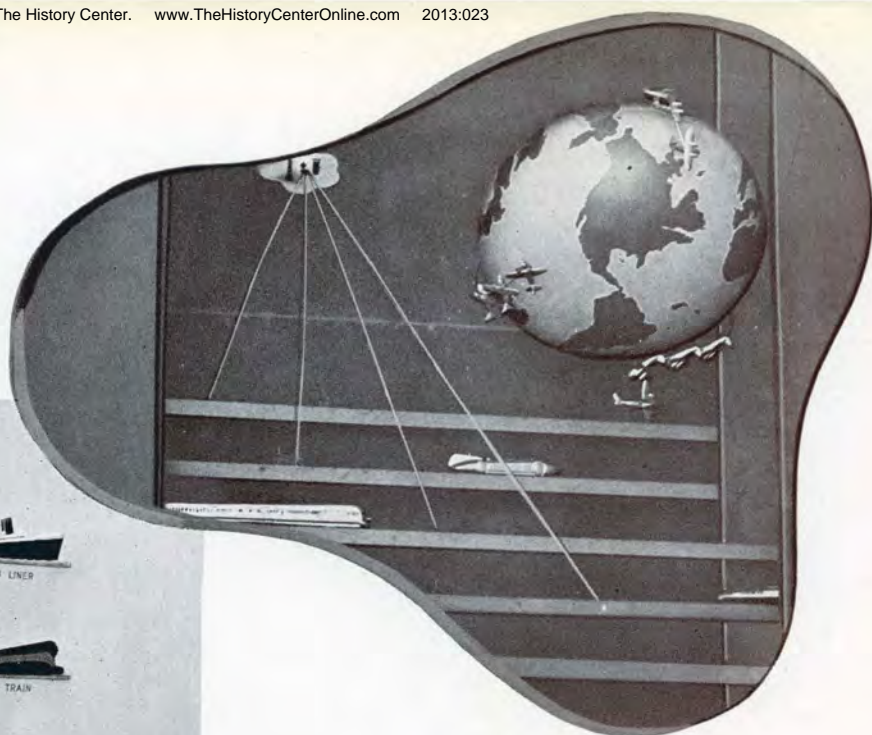
- 1. ADEQUATE SUPPLY
- 2. LOW COST
- 3. SUPERIOR QUALITY
- 4. CONSERVATION

**PRICES**

**COMPETITION REDUCES PRICES**



**PETROLEUM . . . VITAL FACTOR IN PROGRESS—**  
 Panels (shown below) tell the story of amazing advances in power and transportation . . . advances opened up for the world of today and tomorrow in large part through products developed from petroleum by our industry.



forming crude into useful products are shown and explained.

**Petroleum Touches Everyone's Life**

What petroleum means to industry, to transportation and to everyday life is graphically revealed inside the four huge tanks on which the Building partially rests. Those tanks aren't completely circular—rather are they semi-circular as seen from the building interior, and their walls serve admirably as backgrounds for animated exhibits.

They are exhibits which contrast the old and the new, and show the marvels that petroleum has brought to the world of today and holds forth for the world of tomorrow.

Transportation? Cast an eye over to that life-size oxcart which seems to have creaked into the exhibit

**HUGE SUMS TO EMPLOYEES—**"In 1938, to employees: \$1,500,000,000. To oil land owners: \$200,000,000. To investors: \$175,000,000. To materials and equipment makers: \$875,000,000."

of the industry from the lone well of Drake's discovery in 1859 to the wide scope today.

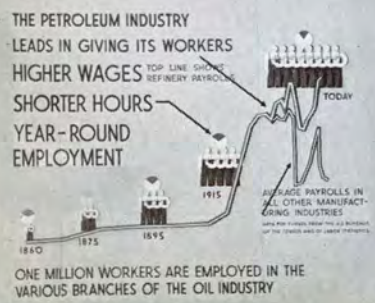
For ease of observation (the map is 50 feet across) it is installed in a recess below floor level. Its confines include the United States, the southern part of Canada, and Northern Mexico. Realism is achieved with water for oceans and rivers, derricks to show field locations, railroad lines with strings of tank cars weaving their way, moving tankships, and lighted tubes simulating the flow of oil via pipe line.

Near the map there's a large model of a refinery—and you and I and everyone can spend some profitable time studying its features. Important operations of trans-

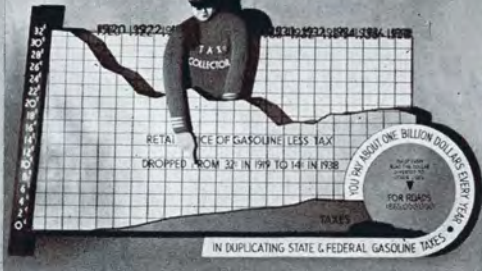
**PETROLEUM'S WAGES ARE HIGH—**and it gives its workers shorter hours, with year-round employment. Average payrolls of all other manufacturing industries, compared to refining, are lower.

**THE BURDEN OF TAXES—**"You pay about one billion dollars every year, is message of this exhibit "in duplicating state and federal gas taxes." They are an offsetting factor to economies effected by the industry.

**WAGES**



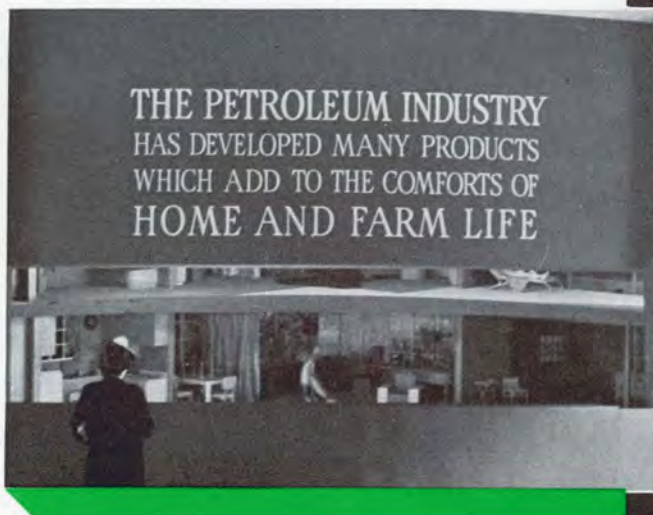
**TAXES YOU PAY ON GASOLINE**



**IN 1938 THE PETROLEUM INDUSTRY PAID OUT \$275,000,000**



FOR THE HOME AND THE FARM—With justified pride displays in the Petroleum Building call attention to the great services and comforts oil products have brought to the home and farm.



THE PETROLEUM INDUSTRY HAS DEVELOPED MANY PRODUCTS WHICH ADD TO THE COMFORTS OF HOME AND FARM LIFE

## PETROLEUM PRODUCTS FOR THE HOME



### FOR HOME CONSTRUCTION

Building paper & felt · Wood preservative  
Roofing asphalt & shingles · Rust inhibitors  
Asphalt tile · Paint and varnish bases  
Asphalt waterproofing · Wire insulation

### FOR YOU AND

Salves, lotions · Perfume bases  
Medicinal oils · Antiseptics  
Sunburn & cold creams  
Petroleum jelly



### YOUR FAMILY

Cosmetics · rouge, mascara  
Soaps · Food preservatives  
Chewing wax · Mineral oils  
Hair and skin lotions

### FOR FURNISHINGS AND HOUSEKEEPING

Sprays for flies, moths, mosquitoes · Cleaning fluids  
Furniture & auto polish · Floor wax, sealing & laundry wax  
Fuel oil, machine oil · Candles · Wax paper, matches  
Lighter fluid · Leather softener · Razor oil



from the 1850's. The driver is cracking his whip, the sturdy animals are lashing their tails . . . but what a contrast in convenience and speed as shown by the exhibits which flank it! A whizzing airplane. A streamlined train. A dashing modern motorcar.

### "In a Span of Eighty Years"

Petroleum caused that change . . . and the lettering of the display relates that "in the span of 80 years from 1859 to 1939, research conducted by the industry has perfected hundreds of highly specialized petroleum fuels and lubricants that make modern high-speed transportation possible."

Step by step is that advance in transportation shown, from the earlier steam and gas engines to the Diesel, the high compression engine, the airplane and so on.

Industry? Spend time to look over well that portion which shows oil's part in making industrial activity what it is today. A giant water wheel (see top illustration, page 5) indicates what "power" meant in years of old. Follow the displays as they depict the wonderful part borne by petroleum in the amazing efficiency, speed and accomplishment of industry today—a display presented before a background of gigantic turbines and smoothly-turning engines.

A striking example of how and why petroleum is so indispensable to our daily lives is seen in the home and farm section of the Petroleum Building. Perhaps we haven't realized the number of products from petroleum which give daily comforts and services, nor have we appreciated how vitally petroleum enters into everyday existence. But if unappreciated before, a little time spent in that section will prove most illuminating.

The wide ownership of the industry, the taxes petroleum shoulders, its splendid employment and wage rec-

ord are interesting subjects covered in another section which should not be missed. Then, too, there's the technicolor movie, with amusing puppets as actors, which depicts what oil means to the world, and what happens to the money the public spends for petroleum products.

Yes, petroleum has many facts to present at the New York World's Fair. THE LUFKIN LINE hopes it will be your good fortune to attend, spend a maximum amount of time at the Petroleum Building and see for yourself what your industry invites you and all of America to see.

If you go by motor car, and chances are you will, remember Grover Whalen's words: "More than a year and a half of collaboration between officials of the Fair and various public and semi-public bodies concerned with highway travel has resulted in the development of a comprehensive system for handling Fair traffic. Developed primarily for those unfamiliar with New York's geography, this system we believe will enable out-of-town motorists to thread their way through the city to the exposition grounds as easily as they now go from their own homes down to Main Street."

And as for parking arrangements, forget any worries. The superb arrangements and extensive facilities will handle all comers—easily and comfortably.





# PETROLEUM PRODUCTS FOR THE FARM

## FOR FARM MACHINES

Distillate fuels for tractors Kerosene Diesel fuel and gasoline for vehicles and stationary engines Range oil for stoves and incubators Lubricating oils and greases liquified gases for cooking and water heating Petroleum refrigerants Rust inhibitors Anti-freeze Carbon black for tires Asphalt and oiled roads and walks



## FOR TREES AND GROWING CROPS

Orchard spray Smudging oils Fruit ripeners Fertilizer insecticides wax paper plant covers

## FOR FARM ANIMALS

Cattle dips hoof hog & herd oils Sprays Insecticides Harness & saddle oils Grease Post



### PETROLEUM PRODUCTS FOR INDUSTRIAL FURNACES

FOUR EXAMPLES OF THE MANY APPLICATIONS

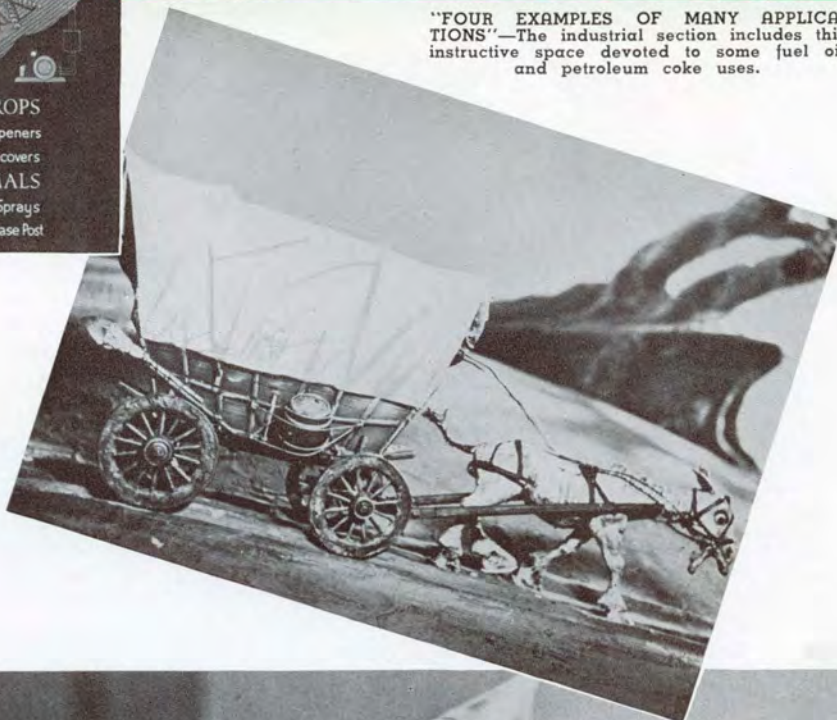
FUEL OIL USED IN MAKING STEEL  
FUEL OIL USED IN GLASS MANUFACTURE  
FUEL OIL FOR BRICK AND POTTERY KILNS

PETROLEUM COKE USED IN MANUFACTURE OF ALUMINUM

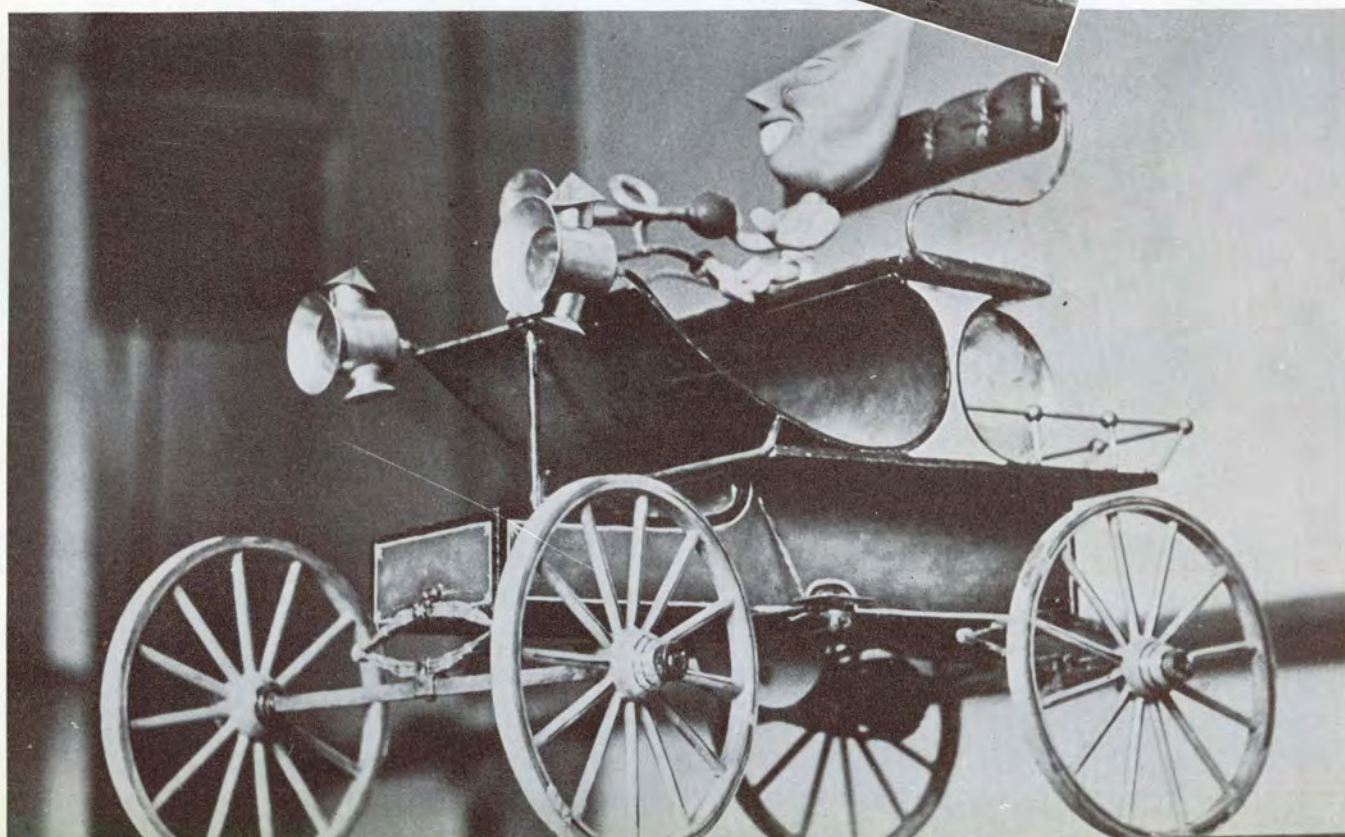
OPEN HEARTH FURNACE POT GLASS FURNACE BRICK KILN

ELECTRIC FURNACE FOR ALUMINUM PRODUCTION

"FOUR EXAMPLES OF MANY APPLICATIONS"—The industrial section includes this instructive space devoted to some fuel oil and petroleum coke uses.

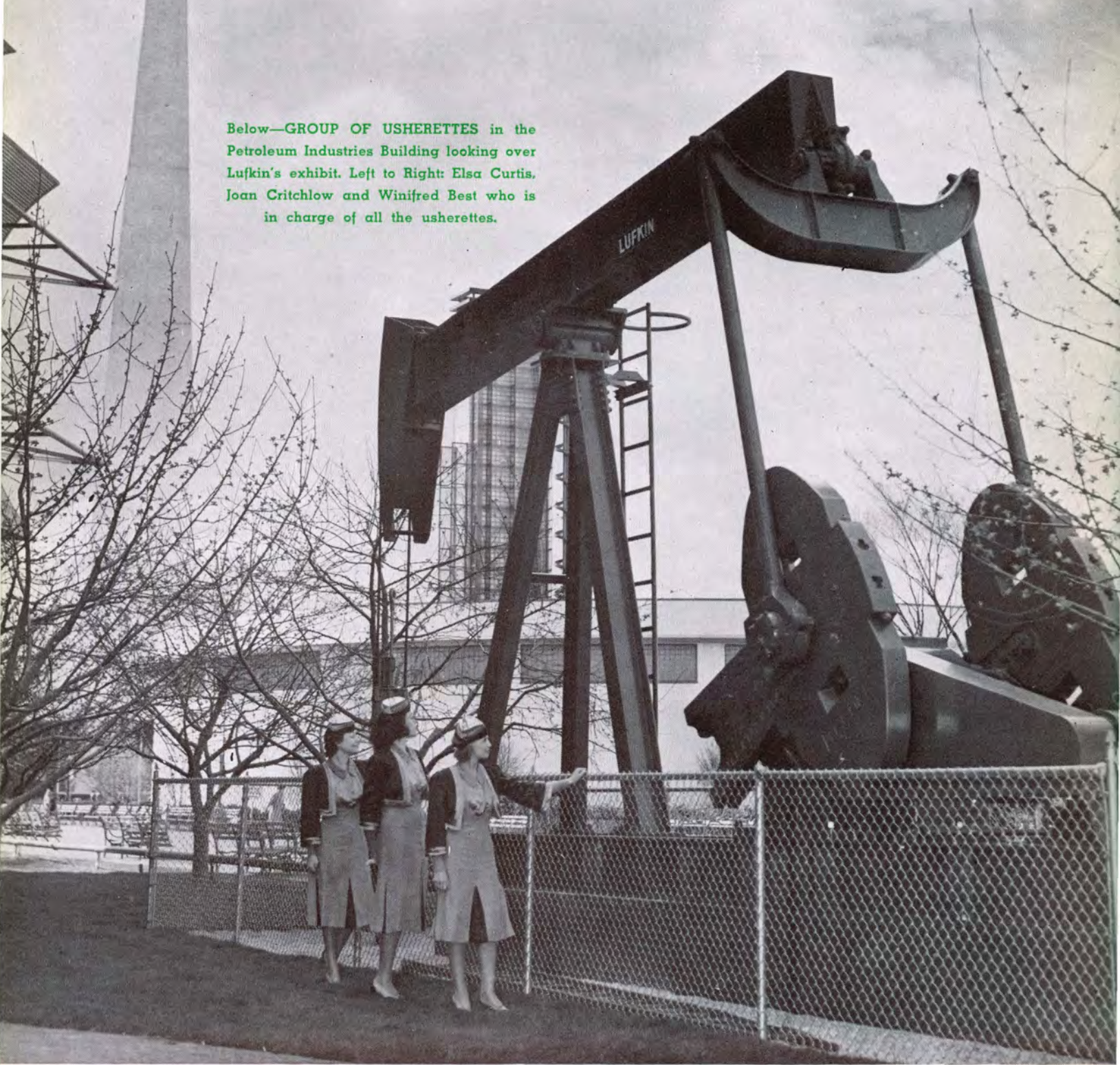


IN LIGHTER VEIN—there are the puppets of the Petroleum Exhibit's screen show. The film, which employs a novel technique, is at once entertaining and informative.



# LUFKIN

Below—GROUP OF USHERETTES in the Petroleum Industries Building looking over Lufkin's exhibit. Left to Right: Elsa Curtis, Joan Critchlow and Winifred Best who is in charge of all the usherettes.



# L U F K I N

is very much . . .  
*"At the Fair"*

SEE THE **LUFKIN PUMPING UNIT** IN OPERATION  
AT THE PETROLEUM INDUSTRIES BUILDING, NEW YORK WORLD'S FAIR



**P U M P I N G U N I T S**

LUFKIN UNITS ARE MANUFACTURED IN LUFKIN, TEXAS, BY  
THE LUFKIN FOUNDRY & MACHINE COMPANY, BRANCHES IN PRINCIPAL OIL CENTERS

# SNAPSHOTS



Humble Oil & Refining Company, Freer, Texas—Back row: T. L. Craig, Warehouse Clerk; W. G. Farmer, Jr., Warehouse Clerk; J. C. Calkins, Timekeeper; L. H. Thompson, Engineer's Clerk; D. O. Holder, District Clerk; J. M. Barber, Timekeeper; J. F. Richie, Inventoryman; G. F. Abendroth, Petroleum Engineer. Front row: T. W. Ryan, Proration Clerk; Harry Pistole, Gas System Service Man; R. W. Roach, Farm Boss; J. I. Tuttle, District Superintendent; J. C. Arvin, District Chief Clerk; C. F. Burrage, Assistant Chief Clerk; D. O. Harvey, Toolpusher; Henry Alston, Warehouse Clerk.

By the **LUFKIN** Cameraman



Left to right: Ben F. Fuller, Timekeeper; George B. Reeger, District Superintendent, Humble Employees, Luling District.



Wright Hodges, General Superintendent, Standard of Kansas, Houston, Texas.



H. E. Sullivan, Hawthatha Oil & Gas Co., Corpus Christi, Tex.



Magnolia Petroleum Company, Luling Office. Left to right: Thomas W. Brown, Construction Foreman; John C. Wells, Farm Boss; Jerry F. Gleason, Chief Electrician; Fred C. Towell, Farm Boss.



Tom Vandeventer, Jr., left; Tom Vandeventer, right, Saltmount Oil Company, North Sweden Field, Benavides, Texas.



L. E. Sloan, Division Superintendent, Stanolind Oil & Gas Co.



J. H. Moyar, Division Superintendent, Stanolind Oil & Gas Co., Ft. Worth.



Geo. S. Bays, Chief Engineer, Stanolind Oil & Gas Co., Tulsa, Oklahoma.



H. A. Pagenkopf, President, Texamerica Oil Company, Luling, Texas.



Left to right, front row: J. C. Parker, Warehouse Clerk; John R. Horner, Warehouse Clerk; Donald C. Glass, District Engineer. Left to right, top row: J. H. Council, Proration Clerk; F. K. Sawyer, Inventory Clerk; Bert Wadlington, Acting Chief Clerk; F. C. Horns, Assistant District Superintendent, Production Department, Humble Oil & Refining Company, Luling, Texas.



Left to right: J. A. Mayton, H. A. Pressler, D. H. Clark, of the Production Department, and H. N. Sassy, Pipeline Department, Magnolia Petroleum Co., Luling, Texas.



Left to right: L. H. Wilson, Independent Oil Operator and Bonner Carl, Superintendent, Texamerica Oil Company, Luling, Texas.



George Wight (left), and Lewis Cottulla, Engineers for Stanolind in the Zenith Pool, Kansas.

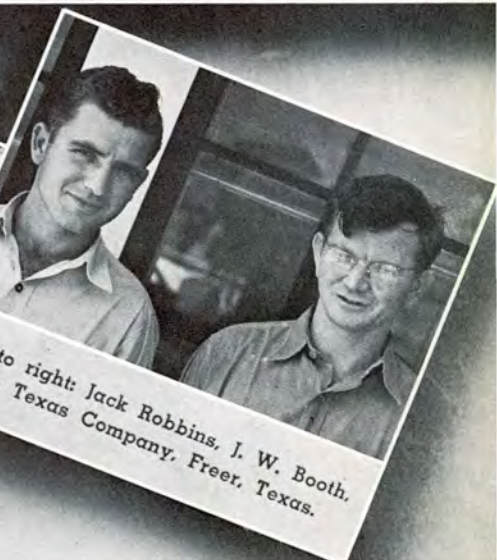


Left to right: R. W. Roach, Farm Boss; Don Shaw, District Petroleum Engineer; Jim Ball, Farm Boss; John Tuttle, District Superintendent; D. O. Harvey, Toolpusher; C. F. Burrage, Assistant Chief Clerk.

G. A. "Bo" Stearns, President, Stearns Drilling and Producing Co., Russell Kansas.

Bill Appel, Superintendent, Hamill & Smith, Bruni District, Hebbroville, Texas.

Left to right: Ben F. Fuller Timekeeper; Geo. B. Reeger, District Superintendent Humble Employees, Luling District.



Cox & Hamon, Hoffman Field Office. Left to right: E. A. Carr, C. T. Summy, Troy Myers, Pat Downing.

Roy Copeland, Assistant Superintendent, Hamill & Smith, Bruni District, Hebbroville, Texas.

J. J. McRoberts, President, McRoberts Royalty Co., and Vice President and General Manager, Galenor Oil Co.

Left to right: Jack Robbins, J. W. Booth, The Texas Company, Freer, Texas.



Magnolia Petroleum Company, Production Department, Laredo Camp. Left to right, front row: M. F. Kay, J. M. Hendon, C. A. Hill, Mr. Proctor. Back row, left to right: L. L. Cashion, E. L. Morrison (Dog House), Mrs. Ozelle Davis (Proctor), A. A. Lowder (Wart), Jack Howell, C. F. Hargis, R. Y. Ferguson.

L. A. Hollis, Construction Foreman, Ohio Oil Co.; R. S. Davis, Gang Pusher, Ohio Oil Co.

E. L. Hugus, Superintendent, The Texas Company, Pettus, Texas.

Left to right: J. A. Watson, Homco and Roy Copeland, Bill Tillery, "Jelly" Ethridge, Hamill & Smith, Bruni District, Hebbroville, Texas.



L. B. Carpenter (Left), E. C. Middleton (Right), The Texas Company, Mirando City, Texas.

Magnolia Petroleum Company, Laredo Camp, Production Department, Warehouse Personnel, left to right: R. W. Hunsinger, M. E. Flanery, G. C. Walton, Foreman; T. W. Darnall.

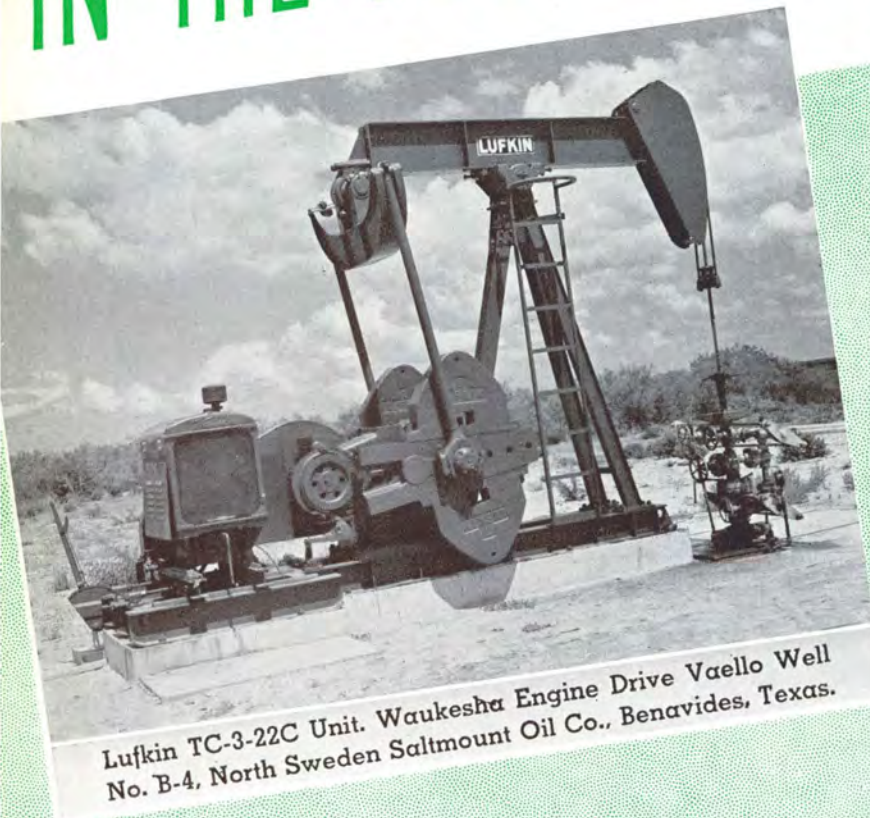
R. W. Stewart, Superintendent, Pipeline Company (Magnolia), Luling, Texas.



Left to right: Pat Downing, Superintendent, Cox & Hamon, Wright Hodges, Superintendent, Standard of Kansas.

Standard of Kansas, Hoffman Lease, Benavides, Texas. Left to right: Clyde Plunkett, Superintendent; Roy Walling.

# LUFKIN INSTALLATIONS IN THE GULF COAST



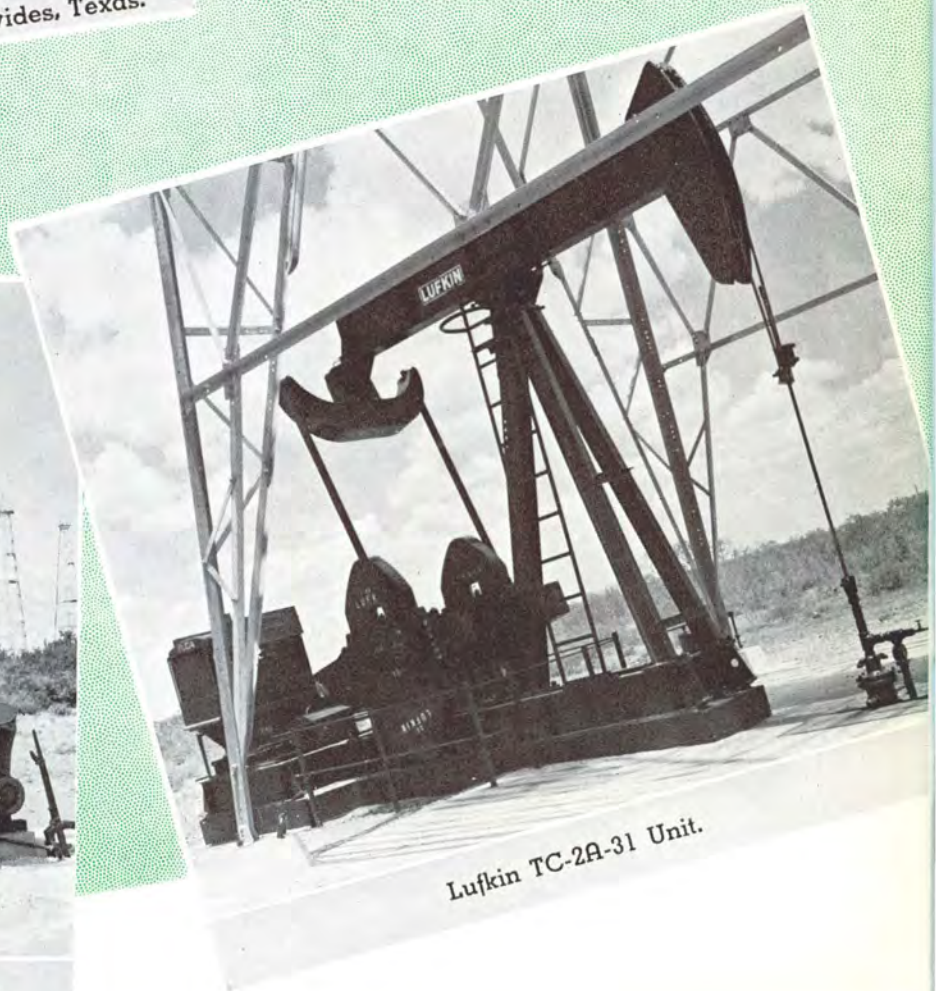
Lufkin TC-3-22C Unit. Waukesha Engine Drive Vaello Well No. B-4, North Sweden Saltmount Oil Co., Benavides, Texas.



The Texas Company, Lufkin TC-3-22 Unit-Assembly.



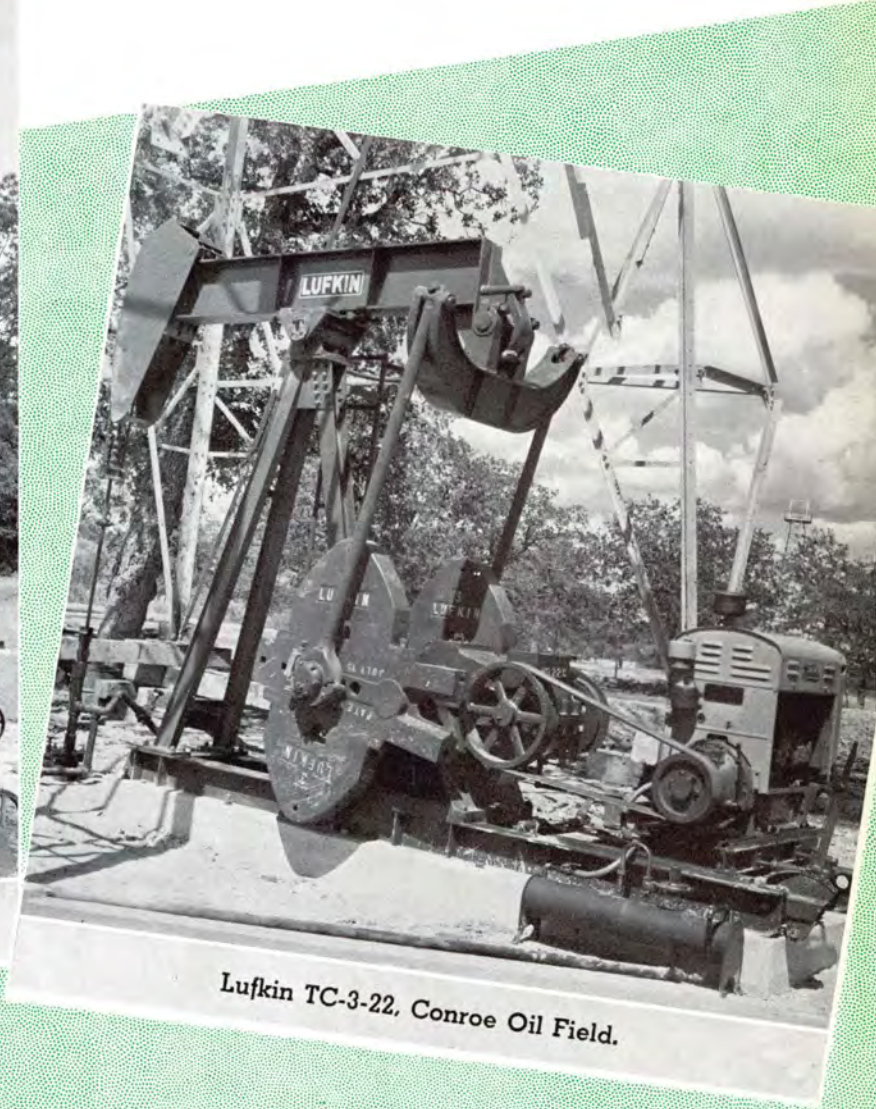
Lufkin TC-55-7A, typical South Texas installation.



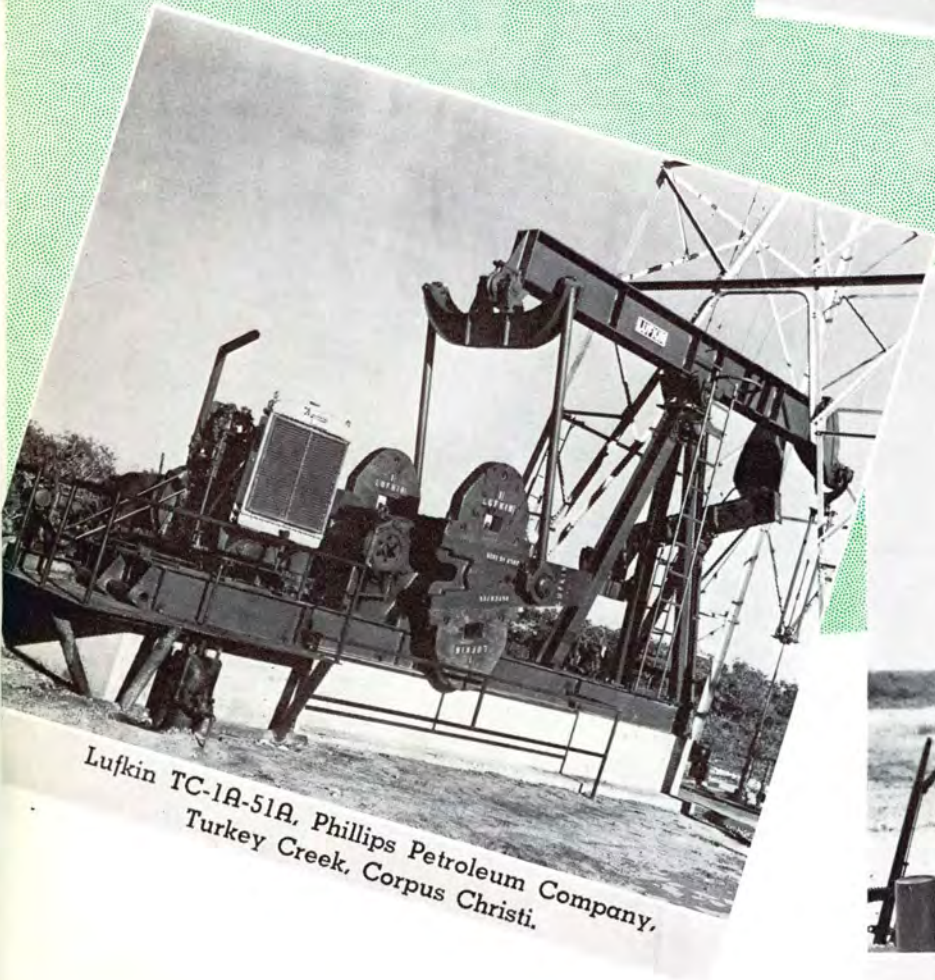
Lufkin TC-2A-31 Unit.



Lufkin TC-2A-31C Unit,  
The Texas Company, Conroe, Texas.



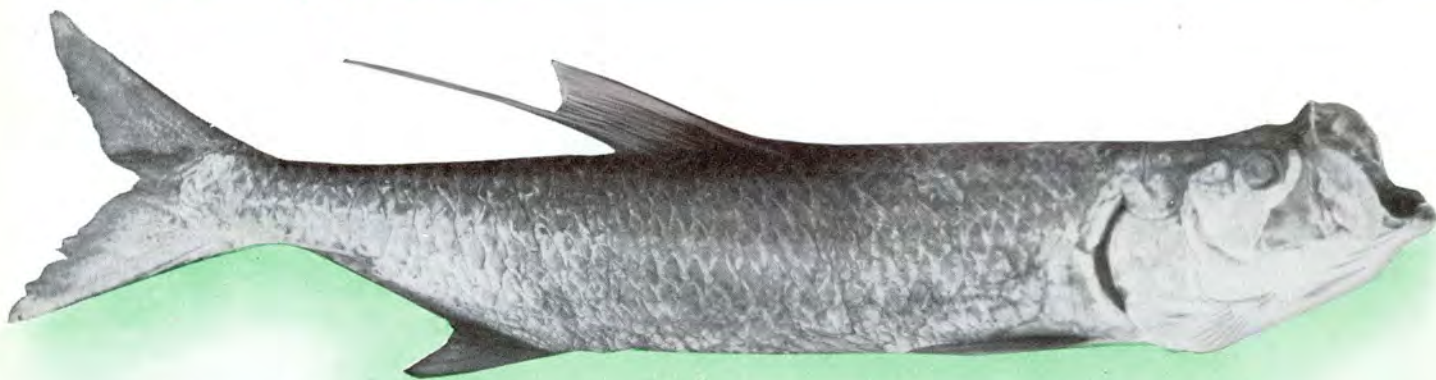
Lufkin TC-3-22, Conroe Oil Field.



Lufkin TC-1A-51A, Phillips Petroleum Company,  
Turkey Creek, Corpus Christi.



Lufkin TC-55-7A,  
Standard Oil Company of Kansas, South Texas.



# A Sidewalk at Sea

By J. C. WATKINS

"Reprinted from THE BUICK MAGAZINE, courtesy Buick Motor Division, General Motors Sales Corporation."

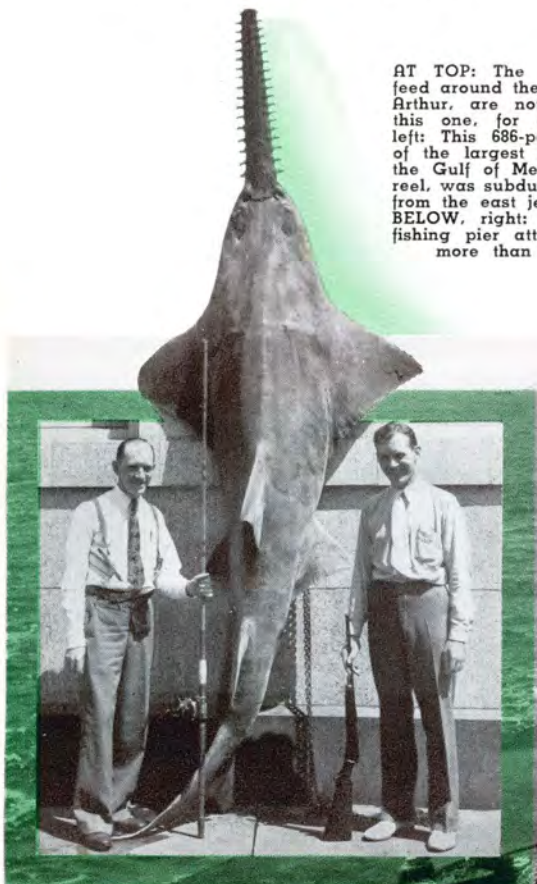
## Port Arthur, Texas, becomes a mecca for land-loving, deep-water anglers

**C**ONSIDERED one of the finest fishing piers on the United States coast, the newly capped east jetty in the Gulf of Mexico, at Port Arthur, Texas, is expected this year to attract anglers from afar.

Making possible deep-sea fishing from dry land, the new pier, with its end three miles offshore, last summer proved one of the Gulf's most popular fishing spots, drawing disciples of Izaak Walton from more than fifteen states. Two of the outdoor magazines commented favorably on this new "fishermen's sidewalk," and piscatorialists who tried their skill from the pier found themselves experiencing a taste of what is usually termed the more-abundant life.

Briefly, the structure is a concrete sidewalk ten feet wide, six feet above Gulf level, and a mile and a half long. It extends shore-ward from the outer end of the rock jetty, or breakwater, whose extremity is three miles offshore. A concrete capping solidifies the rocks of the

AT TOP: The silver tarpon that feed around the east jetty, at Port Arthur, are not diminutive. Take this one, for example. BELOW, left: This 686-pound sawfish, one of the largest fish ever taken in the Gulf of Mexico with rod and reel, was subdued a short distance from the east jetty at Port Arthur. BELOW, right: Port Arthur's new fishing pier attracts anglers from more than fifteen states.



# THINK IT'LL RAIN?



BY EDWIN PURVIANCE

"Reprinted from THE BUICK MAGAZINE, courtesy Buick Motor Division, General Motors Sales Corporation."

You, too, can become a weather prophet... in just one easy lesson

WILL IT BE OVERSHOES and umbrella tomorrow, or will golf games, straw hats, and shirt sleeves be the vogue? The old-timer down at the horse-shoe pits, or old Uncle Ned, the yardman, wouldn't waste a minute in giving you an answer—but why not figure it out for yourself?

The ability to forecast the weather is something all of us can easily acquire. It's a hobby that takes little time and effort, and pays big dividends in fun and fascination. If you are interested, for example, in determining in advance your chances of picnicking on the Fourth of July or attending the All-Star baseball game without rain calling a halt, then, you will be interested in learning a few of the simple shortcuts to weather forecasting.

In the first place, remember that weather constantly leaves clues as to what it is going to do next. If you are

a good detective, you can decipher these clues and come up with remarkably accurate results.

There may be more-important, scientific signs for the professional weather forecaster, but for the layman there are many little hints lying right around the house that will give the right clue almost three times out of four. You can be pretty certain that fair weather will prevail if the windows of your house do not stick, if the salt on your table pours readily, and if smoke ascends instead of flattening to the ground. Birds fly high in the sky and animals in the fields abide peacefully instead of calling restlessly to one another as they do in stormy weather.

Small, fluffy white clouds floating lazily in the blue are another indication of clear weather. They are cumulus clouds, and are called fair-weather clouds. Rain is near only when they join forces and turn gray or almost black.

Clear skies are also likely to prevail when light winds are from a westerly direction. A gorgeous sun setting in a cloudless sky, a fog that rises early in the morning, and a rainbow after a departing thunder storm are other indications that outdoor lovers, campers, and picnickers like to see.

Reverse many of the above conditions and you may be fairly certain that nature is not going to be so kind to the fair-weather enthusiast.

What we laymen call a "mackerel sky" is a good indication of unsettled weather. Sultry summer mornings, when things are "sticky" to the touch and winds are unsettled, more often than not bring rain. If you are interested in winds, notice that shifts to the northeast or south very frequently bring unsettled conditions.

Many interesting facts about our weather are known to only a small percentage of us. Few are those, for example, who know that hail almost never falls during cold weather; that no two snowflakes are just alike, but each tends to resemble a six-point, starlike pattern; that snow is not frozen rain; and that, in spite of contentions to the contrary, it does not get "too cold to snow." Few know that lightning storms can be "measured" to determine how far away they are.

This can be done by counting the seconds elapsing between the instant you see the lightning flash and hear the peal of thunder. Every five seconds elapsing means the storm center is approximately one mile away.

Notice nature's clues for a short while and you will see that certain conditions almost always bring certain definite types of weather. This business of seeing weather conditions in the future is fascinating! And it's easy. Try it!

You'll find it's really fun to be able to answer America's ever-important question: "Think it'll rain today?"

jetty, which guards the entrance to the Port Arthur ship canal, waterway for ocean-going vessels.

Fishermen were quick to see the possibilities of the walkway, realizing that it was placing deep-sea angling within reach of the man who did not own or did not care to rent a boat.

The Port Arthur Junior Chamber of Commerce successfully conducted a public campaign to finance the construction of a boat landing alongside the jetty, and the organization now sponsors regular boat service to the jetty landing.

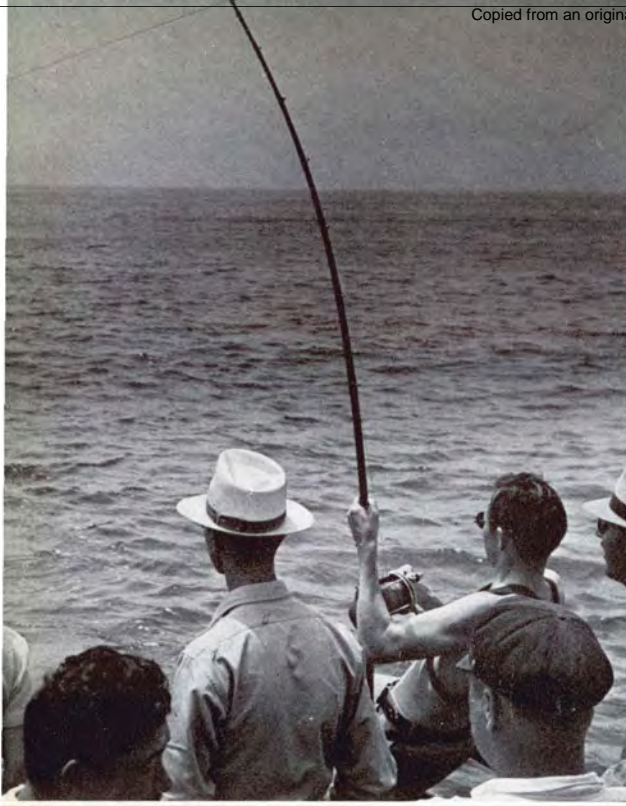
Great, plunging silver tarpon weighing up to 150 pounds feed around the rocks of the jetty, and anglers learned they could stand flat-footed on the jetty capping and battle these silver beauties, as well as husky amberjack, delectable pompano, tasty mackerel, sheepshead, trout, and the smaller pan fish. Fishermen for shark, which is gaining respect as a game fighter, can take their quarry off the jetty walk.

For three consecutive weeks during the past summer, fish landed off the east jetty at Port Arthur led the entire Gulf Coast in the weight of individual fish caught.

Fishermen on the jetty use rod and reel for the big fish and cane poles for the small fry. Cork floats are popular, because of the necessity for keeping the hook off the bottom, where it might become entangled with the rocks around the base of the jetty. The thousands of anglers who struck piscatorial pay dirt on the "side-walk at sea" last summer spread the word, and this year caravans of sport fishermen are expected to converge on this Texas coastal spot, eager for tackle-bustin' battles.

# THE TROUTS GO A-FISHING... OR THE FISH GO A-TROUTING

—PHOTOS BY ED TROUT



Bob Keys in action—Hauling in large Shark. (4' long.)



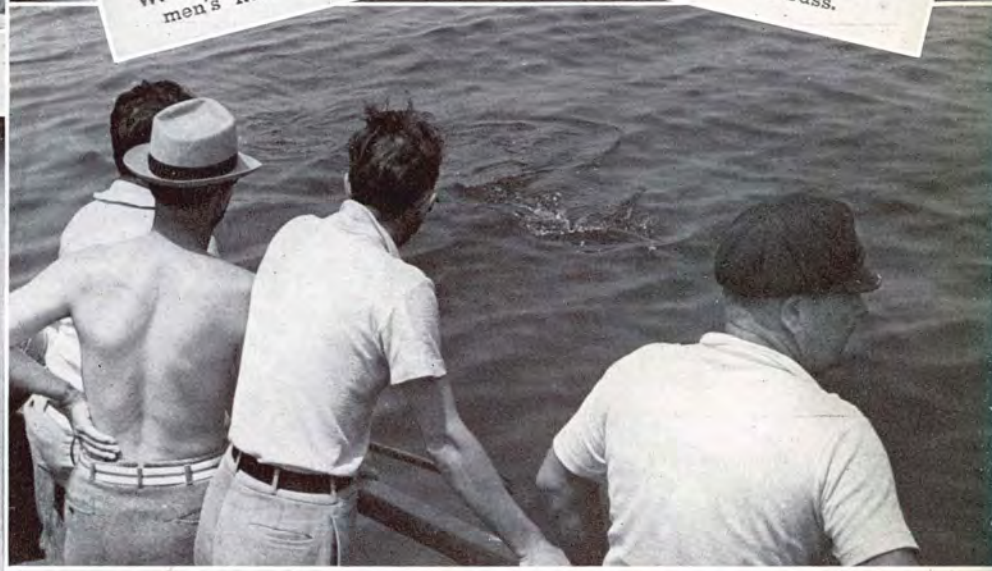
W. W. Trout, who uses "Fishermen's Rule" shown below.



Bob Grey and his large Sea Bass.

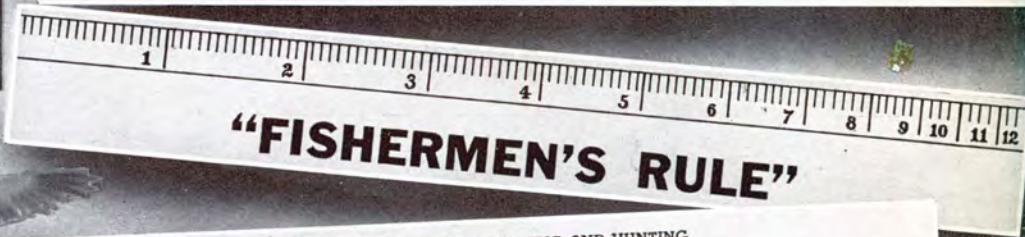


Harold Pauls and his large Sea Bass.



Catching a Shark. Bob Keys on pole. (Not shown.)

Sea Gulls catching Sardines on fly, 30 to 40 ft. above boat. They miss about one out of every three.



### TABLE OF ROUND NUMBERS FOR USE IN FISHING AND HUNTING

300 yds.—1 mile	5 or more—1 dozen	22 minutes—1 hour	3 fish—1 string
	5 fish—1 big String	7 ounces—1 pound	

### WARNING

Beware the Fisherman; he riseth early in the morning; he disturbeth the whole household; but he goeth forth full of hope. He returneth in the evening, but he is empty handed; he smelleth of strong drink and the truth is not in him.



Bob Grey making a good catch.



Dave Caldwell



Erwin Funk

# Let's Laugh!

According to Herb Ladd of Stanolind the reason he likes spinach so well is that it is never decorated with parsley.

★

Cop: "Lady, there's no red light on your car."

Blonde: "No sir, it's not that kind of car."

★

Miss Weisenheimer: "Is it true that Chinese eat rats?"

Mr. Wong: "Is it true that American eat hot dogs?"

★

The height of laziness is when you sit up all night to keep from washing your face in the morning.

★

"Young man, I understand that you have made advances to my daughter."

"Yes sir, I wasn't going to say anything about it, but now that you have, I wish you could get her to pay me back."

★

We'll take a bet you won't be able to write eleven thousand eleven hundred and eleven correctly the first time.

★

A man who can quit smoking can quit most anything—except talking about it.

★

Dentist: "Stop waving your arms and making faces, sir! Why, I haven't even touched your tooth!"

Patient: "I know you haven't, but you're standing on my corn."

★

"How old is your son?" asked the visitor.

"Well," replied the dad, "he's reached the age when he thinks the most important thing to pass isn't his examination, but the car ahead."

★

Several years ago, Harvard broke off football relations with Princeton. Shortly afterwards a Princeton

alumni lunch was held in a mid-west city. Each guest rose and gave his name, his class, occupation, whether married or single, and number of children.

One man rose and said: "Smith, class of 1902, lumber broker, unmarried. Two sons. Both at Harvard."

★

When you tighten your belt, it's a recession. When you have no belt to tighten, it's a depression. When you have no pants to hold, it's a panic.

★

A roustabout died in Illinois and they telegraphed his widow: "Your husband, John, died today. Advise as to disposition." In a few hours the answer came. It read: "His disposition was mighty ornery."

★

You ain't gettin' old when your hair turns gray,  
You ain't gettin' old when your teeth decay.  
But you're gettin' old fast, and slip-pin' down hill

Where the grade is steep  
When your head makes a date  
That your body can't keep!

The horse and mule live 30 years  
And nothing know of wines and beers;  
The goat and sheep at 20 die  
And never taste of Scotch and Rye;  
The cow drinks water by the ton  
And at 18 is mostly done;  
The dog at 15 cashes in  
Without the aid of rum and gin;  
The cat in milk and water soaks  
And then in 12 short years it croaks;  
The modest, sober, bone-dry hen  
Lays eggs for nogs, then dies at ten;  
All animals are strictly dry,  
They sinless live and swiftly die;  
But sinful, ginful, rum-soaked men  
Survive for three score years and ten.

—Anonymous.

## IT'S A GREAT LIFE

By Ruth Webb LeClere

It's a great life we lead in this oil game,  
With it's wildcats and salt domes galore.

It's a great life, and we often weaken,  
But we always come back for more.

Drilling reports, geology and leasing,  
From early morning until late at night,

No matter how old the story might be,  
Somebody is willing to bite.

Gulf Coast, West Texas and Mexico,  
Distance means nothing to us.  
We're willing to risk most anything,  
We're going to get oil or bust.

A farmer comes in with a hunk of dirt,  
That he found while digging a well.

He swears that he's found an oil field,  
And for one hundred thousand he'll sell.

Our geologist falls for the story,  
As geologists usually do,  
And he starts out with gun and fishing pole,  
To see if the story is true.

He spends a couple of days looking,  
For escarpments and other signs,  
And then he comes dragging back home,  
And submits us a kit of his finds.

He brings in a sample of paraffin dirt,  
A sample of oil sand and lime,  
And then he writes an enormous report,  
That shatters his poor steno's mind.

He implores the bosses to buy acreage,  
And he knows darn well that they will,  
When he tells them that to find an oil field,  
They must take a chance and drill.

So they drill and they drill and they drill,

And at last they end with a sigh,  
When they strike salt water or a dry hole.

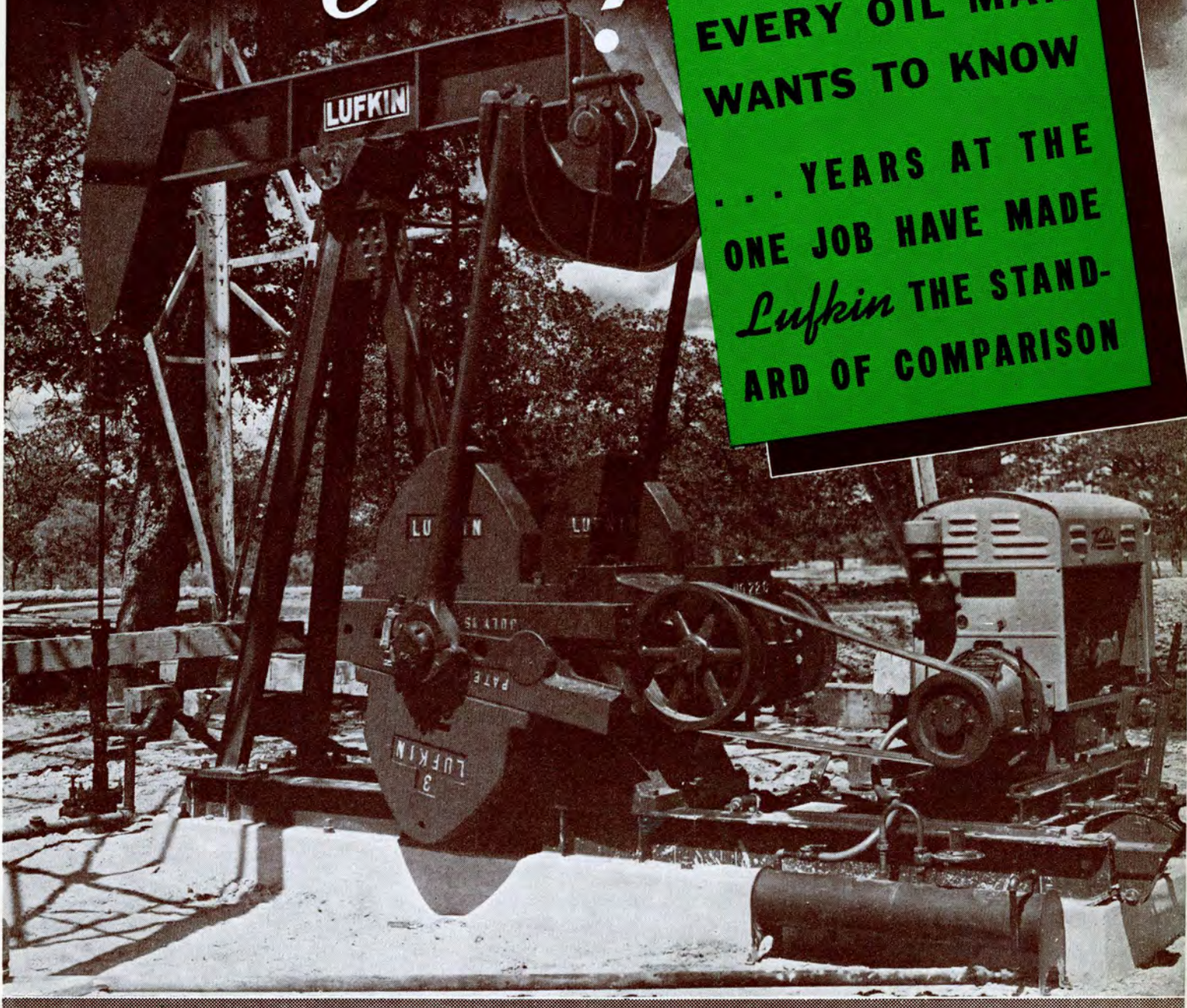
So—ONE HUNDRED THOUSAND  
—Good-bye.

IS IT AS GOOD AS A

*Lufkin*!

THAT IS WHAT  
EVERY OIL MAN  
WANTS TO KNOW

... YEARS AT THE  
ONE JOB HAVE MADE  
*Lufkin* THE STAND-  
ARD OF COMPARISON



# LUFKIN PUMPING UNITS

LUFKIN UNITS are manufactured in Lufkin, Texas, by the Lufkin Foundry & Machine Company. Branches in principal oil centers