

MIDLAND HUGHES PLANT ROUNDS OUT DISTRIBUTION CYCLE

Great Success of Hughes Tool Company Laid to Service

SERVICE CREDO IS AN IDEAL

Production History Interlocked With Tool Company

Within the history of the Hughes Tool company is wrapped the history of modern recovery of petroleum products...

There was not in existence the great service plants at Los Angeles and Oklahoma City...

Great Progress Recorded And it is not to be doubted that Midland had never been heard of by any of those staunch business men...

The company that has adopted as its slogan "First in Service to the Petroleum Industry" invented and marketed the first rotary rock bit...

Idea Was Service When the Hughes Tool company was organized some twenty years ago...

Experimentation Credit From the very beginning, the policy of Hughes Tool company called for continuous laboratory and field experiments...

Success Instantaneous The success of the original Hughes rock bit gave such impetus to the rotary method of drilling...

Further treatment is necessary to develop its latent strength. Heat applied by carefully controlled furnaces for specified periods of time...

Clean shavings from carefully analyzed alloy steel forgings form part of the charge for making Hughes simple rock bit heads.

Since these shavings occupy too much volume for the electric furnace, they are cut up into small pieces by a special machine to enable the melter to make a full charge.

One hour after the electric current is turned on, the shavings have been reduced to liquid form. At this point the scientific control of the Hughes technical organization is brought into play...

Hughes Quality Not Shown Merely by Chemical Tests

CORE RECOVERY AIDED BY NEW CORE CATCHER

Core recovery depends largely on the core catcher. A great deal of testing and research work has been carried on by the Hughes Tool company...

A new and important feature of the Hughes core catcher is that the slips do not come in close contact with the core until the bit is raised from bottom...

The lighter the weight of the core, the tighter the slips hold. The Hughes core catcher is substantial in construction as well as very efficient in taking cores.

HIGHEST WORKMANSHIP AND MATERIAL GOES INTO MANUFACTURE OF HUGHES CONES, REAMERS AND OTHER TOOLS

Alloy steel of the highest quality is the Hughes standard. It is used in the form of castings, forging and bar stock. The variation in chemical analysis that will be allowed is specified with every order placed with a steel manufacturer...

Tests of material that enter into the manufacture of Hughes rock bits and other Hughes tools are made in the completely equipped Hughes laboratory where all ordinary kinds of qualitative and quantitative analyses of materials are made.

Closely related to the chemical laboratory is the Hughes metallurgical laboratory. Its equipment consists of polishing machines for the preparations of specimens and a microscope for examining them.

To eliminate all guess work during the process of melting the metal, small samples are taken from the molten bath at different times and cooled and carefully analyzed in a complete chemical laboratory.

When the metal is finally poured into molds, its chemical composition has been carefully predetermined, but to eliminate all chance for a mistake a test bar from each heat is again analyzed as final check against failure.

Following the machining operations, the cones are skillfully heat treated to produce a cutting having maximum hardness at the teeth and at the same time a tough ductile body to prevent breakage.

The bushings in Hughes cones are made of a special forged alloy steel, selected for its high resistance to wear.

After the operation of boring and threading the inside of the bushings, the outside is finished and fitted to the bearing in the cone. These operations are those of Indians related to the Mound builders.

By HUGHES ENGINEER "Quality" in steel is an elusive factor not to be completely defined by chemical or physical specifications. Every operation, from the blast furnace thru the steel furnaces, rolling mills and forge shops, has its influence on the final result.

We do not shop around for "job lots" of steel. It is purchased on a quality rather than a price basis from an organization where our straight requirements are fully appreciated and no effort spared to build into every step of production those characteristics necessary to produce a superior result.

Close control of the temperatures of the steel prior to forging prevents overheating and assures the Hughes standard of quality in the finished product.

By making our own forgings we are in a position to meet any demand, on short notice, caused by new development.

"Good" tool joints are not easy to make. Close fits are required to mate threads properly and to make joints water tight.

Special threading machines are required to manufacture joints in quantity with the required degree of accuracy. Formed tools, made by precision methods, reproduce their dimensions in the work.

For years the design and heat treatment of the alloy steel parts, the Hughes core bit is safe, convenient and economical to operate. Its simplicity of parts makes it easy to handle. High percentage recovery of uncontaminated core, long life, full gage hole, and trouble-free operation, all recommend it for use in exploration work.

The Hughes roller type of cutter head for hard formations is furnished as a unit ready to screw on the core bit body. The cutters are supported by hardened and ground pins welded to the forged and heat treated cutter head.

Many machine operations, performed by special tools, shape the bit for its life work. Facing, turning, milling, threading, drilling and gauging—all these must be done carefully with the thought always uppermost that every Hughes rock bit must give full service.

A final rigid inspection of the complete bit head is made to insure interchangeability of parts.

The story of the creation of Hughes cones is interesting from the time the selection is made of the alloy steel for forging till they are finished ready for their trip into the hole.

After a special forging operation which imparts added toughness to the internal structure of the metal, the cone forgings are carefully machined inside and out preparatory to the mill of the teeth.

The teeth on Hughes regular type cones are cut so that no tracking on the bottom of the hole is possible. This result is accomplished by varying the spacing of the teeth on each cone at certain intervals.

Following the machining operations, the cones are skillfully heat treated to produce a cutting having maximum hardness at the teeth and at the same time a tough ductile body to prevent breakage. Finally the heat treated cones are inspected for hardness to make sure that they will deliver maximum footage.

HUGHES CORE BIT MAKES DIFFICULT DRILLING EASIER

In response to the demand of the oil and sulphur producing industries, the Hughes Tool company has developed and perfected a core bit for use with the rotary process of drilling. Two types of cutter heads are available for coring the wide range of formations encountered from the hardest to the softest.

The Hughes soft formation, or scraping type, cutter head is designed to recover cores in shale and other unconsolidated formations. Its design and material, however, are such that it will core successfully the medium hard formations, such as sand rock, sandy lime, limestone, anhydrite, chalk, gypsum and the hard shales.

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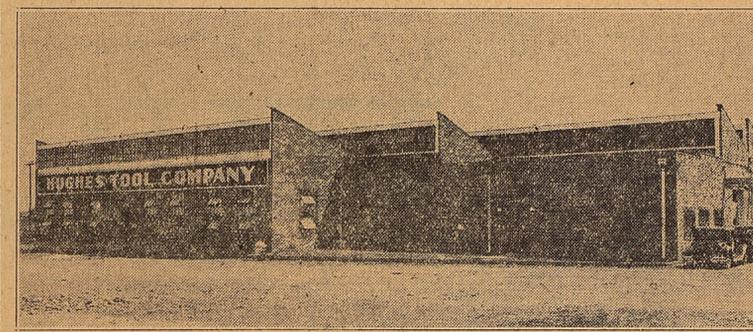
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Exterior View of \$250,000 Hughes Tool Company



The \$250,000 Hughes Tool company plant as it is viewed from the railroad crossing just north of it. The plant, one of three such service units of the Hughes company, will be formally opened Friday. The entire public is invited to attend the opening and watch workmen as they go about their regular duties. The only other Hughes plants are at Houston, Los Angeles, and Oklahoma City. An export office is maintained in New York.

MANY ARE SERVICES OFFERED

Entire Permian Basin To Be Benefitted By Company

"The Hughes Tool company, main office and plant at Houston; service plants, Los Angeles, Oklahoma City and Midland; export office, New York City."

This is the way the company advertises itself, the great company that has taken a long step towards making the future of industrial Midland.

Capitalized at millions of dollars, it is no wonder that Midland feels pride at being selected as a site for the company's newest expansion. The center of the West Texas Permian basin has rounded out the service cycle responsible "for the worldwide distribution of Hughes tools," as S. P. Brown, sales manager, wrote The Reporter-Telegram.

Services available to the industry at "our Midland plant," as Brown expressed it, are: bucking up tool joints on drill pipe, re-working tool joints, re-working rock bit heads, re-building, re-cutting and re-bushing rock bit cones, re-working valves, re-working core bits (re-dressing soft and hard formation cutter heads to proper standards, etc.), general servicing of equipment with regular plant facilities, affording promptness and dispatch to the petroleum industry in the Midland territory, and insuring correct plant standards to design and dimension on re-worked equipment.

The entire Permian basin may be assured of the most complete and prompt service available to a company that has become internationally known as "First in Service to the Petroleum Industry." The Midland plant is one of the most modern engineering units ever constructed. As one engineer said, "The very aspect of the place makes for wonderment at the saving of time and energy symbolized by the very outfit. For the first time since production opened in the basin, operators can get what they want, get it right and get it in the fastest possible time."

CORROSION IS FOE OF VALVE SEATS, GATES

The most important point in the care of a valve is the prevention of corrosion on the seats and gate. Corrosion from salt water, either from the well or from the atmosphere on the coast, pits and roughs up the seats to a point where they will not seal against pressure and a repair job results. Immediately after use it should be thoroughly steamed out or cleaned with kerosene and then doped with an approved anti-rust compound. Ordinary lubricating oil is not recommended, because of its thin film which allows moisture to penetrate and start corrosion.

Next in importance to positive sealing of the valve between gate and seat is the prevention of leakage of the packing around the stem. The design of the Hughes valve stem packing represents the best in engineering practice. Two results are accomplished by the packing used—positive seal against leakage and minimum resistance due to friction. However, through excessive tightening of the gland nuts, the stem may be difficult to turn. Hughes packing should be made up so that the nuts on the packing gland are no tighter than necessary. If slight leakage occurs under pressure, a light blow with a hammer on the stuffing box will usually seal off the fluid. The vibration set up by the hammer blow causes the packing to adjust itself to the stem and box.

THREE MANUFACTURING STEPS

HUGHES TOOL COMPANY GETS IDEAS OF CORING FROM BISCUIT CUTTER; CORE BARREL VENT GIVES RELIEF

The homely biscuit cutter probably represents the most ancient of coring devices. A successful biscuit cutter has a vent hole to allow the air above the dough to escape easily when displaced by the biscuit. Similarly, a core barrel when receiving a core of soft sand, shale, gumbo, and the like, needs a vent to allow fluid above the core to escape. The core acts like a plunger.

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Hughes Requirements Specify the Very Best

The fabrication of Hughes tool joints consists mainly of three important steps—the manufacture of the alloy steel, the machining for accurate interchangeability, and the final heat treatment which renders the steel strong, tough and wear resisting.

The foundation of Hughes tool joints is the high grade alloy steel from which they are made. The inherent toughness and strength of this steel is due to the triple forging operation it receives during processing. Stated briefly these three operations include, first, rolling of the ingot into bloom, followed by close inspection for surface defects; second, rolling of bloom into square billets; and third, a final forging of the steel into a tool joint.

The standard of Hughes tool joints calls for the maximum in strength and toughness, therefore the steel used always receives the three workings, assuring greater wear resisting qualities after final heat treatment.

After a thorough annealing of the tool joint forging to relieve all strains, it is machined all over to finished dimensions. The greatest care is exercised during all operations to preserve alignment and concentricity of the threads with the body of the joint. Full formed fishing threads are cut in all pins and boxes, 4-inch and smaller, for convenience in time of need.

One of the outstanding features of Hughes tool joints is the accuracy of interchangeability, which is obtained by means of the hobbing process of forming the threads. The hob used is machined with great accuracy to insure true thread form, taper and lead. Rigid adherence to this high standard is maintained by means of close inspection with a thread comparator, where each element is checked. This careful and costly inspection may seem an exaggeration of the need for such care, but it must be remembered that slight errors in form, taper and lead combine to cause concentrated loads on the thread when the tool joint is in use, and may cause either a loose fit or an excessive "stand off." In effect this hob inspection is equivalent to a one hundred per cent comparator check of the tool joints, and the fact that the hob produces hundreds of joints justifies the apparent high cost.

Following the machining operations, Hughes tool joints are given a careful heat treatment in furnaces controlled by recording pyrometers. The annealing treatment given before machining has prepared the steel so that it is susceptible to the best development of microstructure. Through years of careful study the Hughes Tool company has developed a process of heating and cooling that brings out the latent properties of the alloy steel and gives to Hughes tool joints their great strength and toughness for safety, with great resistance to abrasion, fatigue and galling. To insure that

Special Drilling Through Master The Hughes drilling-thru control master is essentially a drilling valve having side outlets, and was designed to meet the service conditions encountered in the Turner Valley field, Alberta, Canada, where high gravity oil and gas at high pressures are found. Its use decreases the over-all height of the Christmas tree and eliminates one nipple and two casing threads.

The seats have ample clearance, and all parts except the body are interchangeable with the drilling valve of same size and pressure. Side outlets can be furnished with either male or female threads as specified. It must pass the same exacting tests that are applied to other Hughes valves and fittings.

OLD NEWS LYNN, Mass., Sept. 18.—It took two postcards 22 years to travel the 260 miles from New York to this city, according to George A. Adams, who received the cards recently. The cards were addressed to the parents of Adams, now dead. The cards were mailed on October 10, 1908.

WELCOME!

HUGHES

TOOL CO.

WE ARE GLAD to welcome you to the Industrial Life of Midland. Your expansion program is typical of the great spirit that has permeated West Texas

The

Reporter-Telegram

We are firm believers in the future of Midland and its territory. We have invested heavily for that future and feel that our efforts and capital are well spent. Concerted action of the citizens and business establishments of this city has done much to develop Midland into a small metropolis of the Western Plains. We shall all grow through service and diligent labor.

COLLEGE SURVEY SHOWS FOOTBALL IS MOST HAZARDOUS SPORT

Twelve out of Every 100 Athletes Injured On Gridiron During One Season

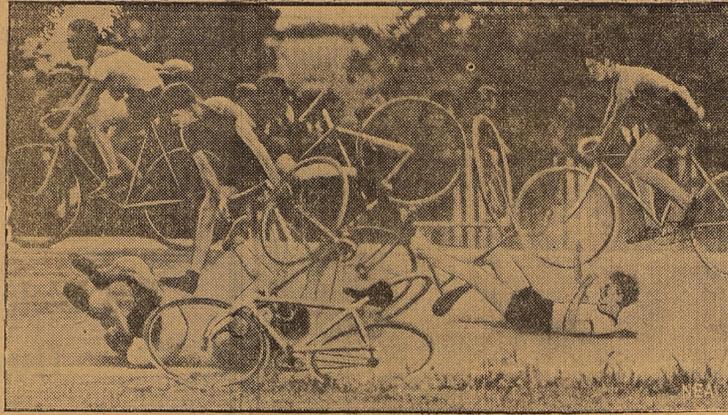
By DR. MORRIS FISHBEIN
Editor, Journal of the American Medical Association, and of Hygeia, the Health Magazine

The common notion that football is most hazardous of all college sports was substantiated last year in an investigation made by the Carnegie Foundation.

The investigators studied athletes in 20 universities and colleges in which almost 44,000 students were engaged in 13 branches of athletics. Among the 44,000 there were 1320 accidents of which 649 were due to football. When the study was made in more detail, it was found that intercollegiate football is three times as hazardous as interclass football.

Twelve out of 100 football players are injured during the season. The most common injuries are dislocations and sprains which may disable the player for more than three weeks. For many years it has been known that football is a dangerous sport. It is, perhaps, not as dangerous as boxing, wrestling, or even rowing, but it does carry with it constant and definite hazard.

One of the most common injuries of football is the dislocation or breaking of the cartilage in the knee called the semilunar cartilage. When this occurs, the knee tends to lock in a flexed position and it is impossible to extend the leg without great pain. After the swelling and inflamma-



The National Amateur Bicycle Races at Kenosha, Wis., gave spectators a thrill they hadn't looked for when a group of riders piled up in a grand smash-up during one of the sprints. Four riders hit the dirt when this picture was taken—though you may have to look closely to see them all. None of the riders was seriously hurt.

A Four-Sided Thrill in a Hot Bike Race

PARIS MURDER STARTS DRIVE ON LUNACY LAW

tion associated with the injury disappears, the knee gradually becomes usable again, but repetition of the stress which caused the first accident is likely to reproduce the condition a second time with greater ease, and the third and fourth times with still greater facility.

Not infrequently the players are completely incapacitated by this injury. If the knee is put at rest until it recovers and if the strenuous life is avoided thereafter, the man is likely to have a good workable joint for the rest of his life. If, however, he tends to persist in athletics of even a slightly strenuous character, it will become necessary for him to be operated on in order to have the piece of broken cartilage removed before he will be able to realize his ambition.

One of the saddest spectacles associated with intercollegiate football is the attempt to win the game at any cost. As a result of this effort, men are sometimes played who are not in proper condition, and not infrequently a man who is injured is not removed from the game but is permitted to take part in three or four more plays before a substitute is sent in.

Because of the terrific demands which intercollegiate football makes upon the human body, college and particularly high school coaches should be certain that every player is in good physical condition before he is permitted to take part in a contest. Any player who shows apparent signs of having any accident to bone, muscle, ligament, or joint

PARIS, Sept. 17. (UP).—When a Spaniard, Jose Garcia, battered to death with a hatchet a pretty young Parisian stenographer who refused his attentions and then confessed that he had just recently been released from an asylum, a public outcry began throughout France which may lead to a complete revision of the existing lunacy laws.

Doctors, educational experts, social reformers and newspaper editors are joined in the campaign to induce the French Parliament to re-study and reshape the existing law of 1838, claiming that there are far too many half-crazy people at liberty, which partly explains the appalling murder statistics in the country since the World War.

Some colleges, notably Notre Dame, the University of Illinois and the California institutions, have great amounts of football material on which to draw. Other institutions, and particularly the small colleges and schools for graduate training, must choose their football material from 25 to 40 players. The responsibility in these cases is far greater, because the coach is confronted repeatedly with the necessity for removing a good player to substitute one much inferior.

Professors of psychiatry agree that mentally diseased people are too easily allowed their freedom under the 1838 law. As long ago as 1902 a project of reform was talked of. It was talked of until 1914, for 12 years, and then the madness of individuals was forgotten in the madness of war.

The reformers claim it is scandalously easy for relatives to secure the freedom of a person certified insane; it is even asserted that, because of the big numbers of inmates in these institutions, the authorities are glad to be relieved of patients for whom complete sanity is claimed. Figures adduced by the reformers prove the asylums are crowded. In the Parisian area alone there are nearly 25,000 insane interned.

The agitators for a change in the law point out that a half-crazy individual released from a mental institution often suffers a delusion of a grievance against someone. It is simple for him to go into a gunsmith's, freely buy any gun or guns he wants, and then go and wreak havoc and death among those he imagines to be his enemies.

MISTAKE FATAL

ST. LOUIS, Mo., (UP).—William Freeman, a negro, believing he had shot his wife to death, drove his car on a bridge over the Mississippi river, and leaped to death. His wife was only slightly wounded.

The Name Of Howe and Allen

Has come to represent the highest type of Plumbing in Midland.

Quality Plumbing is invariably assigned to us.

We have been plumbing contractors for the Hughes Tool Company Building—and as always demanded by them—they received the best.

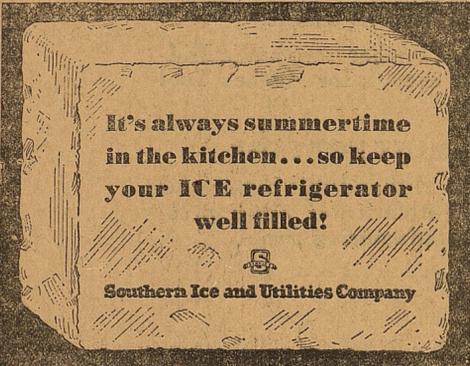
We are glad to have had the pleasure of dealing with these GENTLEMEN.

Howe & Allen

PLUMBING
Midland

Hughes Tool Co.

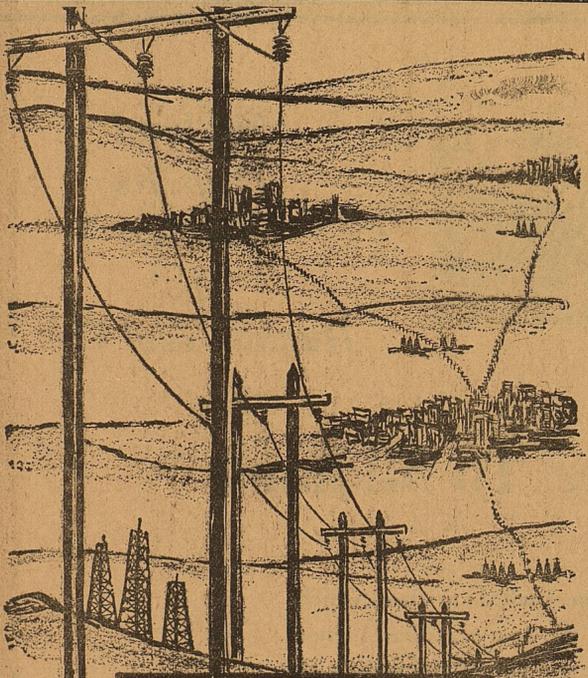
WE WELCOME YOU TO MIDLAND



It's always summertime in the kitchen...so keep your ICE refrigerator well filled!

Southern Ice and Utilities Company

SOUTHERN ICE & UTILITIES CO.



The addition of the Hughes Tool Company to the commercial life of Midland and West Texas adds strength to the confidence which we have in this Vast Empire and it increases our desire to make electricity a greater servant to man and his many activities... The march of progress in West Texas has only begun, and with it we find ourselves in line for promotion of every field of endeavor... We grow in service.

We Welcome The Hughes Tool Co. to Midland

Builders are of noble lineage. They descend, through the centuries, from makers of the Egyptian pyramids and the Indian mounds, the Grecian Acropolis, and The Roman Forum, the Rheims cathedral and the St. Sophia mosque, to makers of the Great Empire of West Texas... Their craft is firmly rooted in tradition. They fashion the world's humble dwellings and magnificent palaces, the shrines and amphitheatres... With complete mastery of their tools, they follow the creature urge that has been passed on from generation to generation, from race to race. They aspire to a utility that will be beautiful. They breathe form into matter. They crystallize dreams. BUILDERS ARE THE HANDS OF HUMANITY

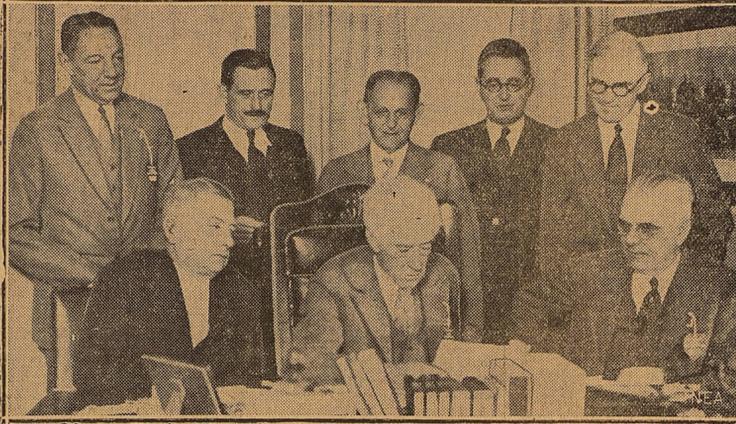
Texas Electric Service Company

**HUGHES SOAKING DRUM CLEANER
INTERESTING APPARATUS DESIGNED
TO REMOVE LIKELY COKE DEPOSITS**

The Hughes soaking drum cleaner apparatus was developed to remove coke deposits that collect in soaking drums or reaction chambers, more particularly in connection with the Carleton Ellis (tube and tank) and the Dubbs processes. It consists of an hydraulic cylinder sunk in the ground under the center of each drum and containing a rotatable drill stem. A steam driven portable rotary for driving the drill stem is provided and can be moved from one unit to another.

When a drum is ready for cleaning, the lower manhead is removed the rotary placed in position, and water pressure is admitted to the cylinder, causing the drill stem to rise thru the rotary table. The fish tail bit with reaming arms is then attached, and a hole approximately three feet in diameter (in 6 ft. drum) is drilled upward thru the coke body. This fish tail bit is then removed and the cleaner, consisting of three hinged arms, each carrying two chains, is inserted in the drum. The chains swing out and beat the coke off the wall of the drum as the

Here's First World Series Picture!



The first world series picture is shown above. It shows some of the principals getting ready for the big event of baseball, which is scheduled to start Oct. 1. Seated, left to right, are John Heydler, president of the National League; Judge Landis, baseball dictator and President E. S. Barnard of the American circuit. Standing, left to right, are William Veeck, president of the Cubs; R. J. Schroeder, secretary of the Athletics; Tom Shibe, president of the Athletics; Tom DeWitt, treasurer of the Cardinals, and Frank B. York, president of the Brooklyn Robins.

LUBRICATION FEATURE

An important feature in the success of Hughes Rock bits is continuous, ample, oil lubrication by means of the Hughes patent oil lubricator. This permits a longer running time and results in fewer round trips to change cutters.

While the Hughes rock bit is in operation, flushing fluid is pumped down inside the drill stem. As this fluid passes through the restricted passage in the lubricator cage and water pipe to wash the cone cutters, a pressure is set up inside the drill stem higher than that in the hole.

This pressure is admitted to the upper end of the lubricator plunger and force the oil downward to the bearings in the cones, assuring continuous lubrication.

An improvement of the Hughes patent lubricator is the lubricator valve which makes it possible to feed the oil to the cones at any desired rate. By controlling the flow of oil in this manner, runs of 30 hours or more can be made with the Hughes rock bit without coming out of the hole.

A special 3 inch lubricator, 20 feet long, holding over 7 gallons of oil, is available, designed to meet the requirements of operators in Oklahoma and other districts where Hughes rock bits are run continuously.

drill stem is rotated and slowly raised.

The coke removed from the drum falls into a hopper surrounding the rotary table, and is discharged thru a chute by a series of paddles integral with the rim of the table. The hopper gate is arranged to pass lumps 3" or less in diameter. (Lumps can be regulated to a certain extent.) Larger lumps may be obtained when the coke is of the required quality.

Complete cleaning of a 6ft. x 49 ft. drum carrying 35 ft. of coke can be accomplished in about an hour and a half.

Steam is required for the engine at about 100 pounds per square inch pressure, and about 200 gallons of water per minute at 200 lbs. per square inch pressure is sufficient to supply the hydraulic cylinder.

The Hydraulic Cylinder Assembly apparatus consists of a string of 12 1-2" casing approximately 72 feet long, with a bull plug at the bottom, and containing a string of ten inch 45 pound casing 66 feet long. A 5 1/2 foot drill stem with thrust bearing and piston is placed in the ten inch. The lengths of the casing and the drill stem shown above will vary with the lengths of the drum and its elevation above grade.

There is a two inch hole drilled in the end of the bull plug in the 12 1-2" string to permit "washing down" of this casing if necessary. After the casing is set, above five feet of cement is dumped in and allowed to set, thus sealing off the casing. This string should be set so that casing head will come flush with grade when screwed on the 12 1-2"

Particular care should be taken that the ends of the ten inch casing meet at the center of the coupling, and that a smooth flush joint results. This will avoid later troubles with the plunger cups, and the necessity for frequent replacements. The couplings of the ten inch should also be welded to avoid loosening of the joints under the vibration of drilling.

The drill stem may be made of three joints of special six inch interior upset rotary drill pipe. These should be joined by driving the two ends over a steel nipple and welding to produce a smooth flush joint. The upper end should be threaded standard drill pipe threads right-hand, and the lower end must have left-hand threads. The driving ribs on the drill stem are made of 1" x 2" flat steel welded to the side of the pipe, with the two inch side tangent to the pipe surface. Six ribs are used, spaced sixty degrees part. The drill stem must be carefully straightened after welding as satisfactory operation will not otherwise be accomplished.

The hydraulic cylinder is installed to better advantage after the reaction chamber is installed. Accurate alignment of the drill stem with the axis of the chamber is important and can be accomplished most easily in this way.

The rotary unit consists of an eight cylinder "V" type steam engine direct connected through a flexible coupling to the pinion shaft of the rotary proper, all mounted on a structural steel frame carried on wheels running on an industrial track, 45 pound rails, 36 inches center to center, (30" to 40" gauge can be supplied.) Also 4-8 1-2" at an extra charge.

This frame is supported on jackscrews which raise and lower the whole apparatus independent of the wheels. The supporting legs under the frame are supplied with large dowels that engage in sockets set in the concrete, when the carriage is lowered. These sockets are set in the concrete under each drum in such a position that when the dowels are in place the rotary is properly lined up with the hydraulic cylinder and drum. When it becomes necessary to move the rotary, the frame is jacked up until the dowels clear the concrete and the whole machine is readily rolled to the next location.

The rotary is lubricated by an oil line leading from the engine. The engine is supplied with a mechanical lubricator which provides a constant supply of oil when running.

Some degree of skill is required to handle this equipment to best advantage, but the average mechanic can, with careful attention to speed regulation and rate of feed, become proficient in its use.

The rotary should run from ten to twenty revolutions per minute when making the initial hole, the feed being not to exceed two feet per minute, and in any event not so great as to make the bit run rough and jump. Coke deposits are ordinarily rather full of cavities, and any attempt to drill too fast is apt to result in bending the drill stem.

The final cleaning operation with the chain cleaner requires a rotary speed of 60 to 65 revolutions per minute to swing the chains out to the side wall of the drum. The feed may be as much as three feet per minute provided everything works smoothly. In no case should the apparatus be forced as it will run smoothly and easily when properly handled.

In no case should bit head arms be allowed to strike the drum repeatedly. If this tendency is noticed, it is probably due to a bent stem, and should be immediately corrected.

When a drum is ready for cleaning, the lower manhead is removed the rotary placed in position, and water pressure is admitted to the cylinder, causing the drill stem to rise thru the rotary table. The fish tail bit with reaming arms is then attached, and a hole approximately three feet in diameter (in 6 ft. drum) is drilled upward thru the coke body. This fish tail bit is then removed and the cleaner, consisting of three hinged arms, each carrying two chains, is inserted in the drum. The chains swing out and beat the coke off the wall of the drum as the

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UNUSUAL CEREMONY

ST. LOUIS, Mo., (UP).—Dr. Harris Gregg, Presbyterian church pastor of New York, preached his wife's funeral sermon here recently. Instead of offering an eulogy, he read four religious poems written by Mrs. Gregg, interspersing them with scriptural passages.



**We Welcome
Hughes Tool Company
To Midland**

YOU HAVE HEARD

people say "Midland is good enough for so-and-so, then it must be good enough for me."

THAT IS TRUE

but we went farther—we made Midland good enough for Hughes Tool Company.

WE MUST NOT STOP

Let's make Midland still better and attract the attention of other prospective manufacturing firms.

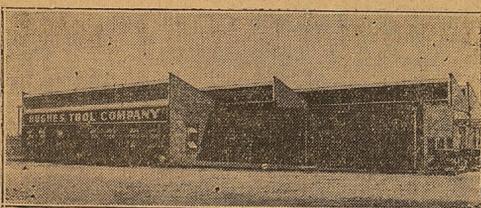
M System Stores



**WELCOME
TO MIDLAND
HUGHES TOOL COMPANY**

We are mighty glad to have you with us. We know that you will find Midland people the best on earth and we extend you good people every good wish for your new plant here in Midland.

**MIDLAND STEAM LAUNDRY
PHONE 90**

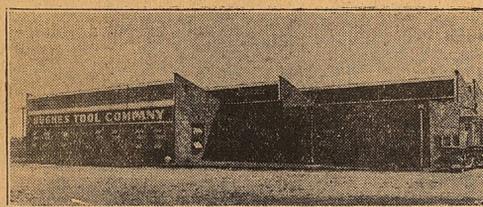


We Are Glad

to welcome the Hughes Tool Company to Midland and will do our part in making you feel at home.

We want you to enjoy the privileges and benefits of our schools and churches and be our friends—feel as if you are one of us at all times.

**Hokus Pokus
GROCERY AND MARKET**



**Midland
Pays Its
Tribute
To
Hughes Tool Co.**

Welcome To Midland

It is the wheel within a wheel which drives on. We now consider Hughes Tool Company one of the wheels of Midland.

We are proud to have each and every employee as new citizens and wish you every success financially and physically.

**Hotel Scharbauer
ARTHUR J. JURY, MANAGER
MIDLAND**

KEEN RIVALRY SEEN AS FAIR EXHIBITS GROW

AMARILLO, Sept. 18—Entries being placed in their respective departments this week indicate the keenest county and individual competition ever yet seen at the Tri-State exposition, opening next Monday and continuing throughout the week.

Advance information from various cities over the Panhandle, New Mexico and Oklahoma indicates also a lively rivalry between towns and counties for the largest delegations attending the fair, some of them accompanied by their municipal and high school bands.

Agricultural displays being placed in the county booths this week are as fine as in any previous fair here, according to P. C. Bennett, head of that department, and the number of exhibits will equal if not exceed any previous showing.

Big Poultry Show

Fine animals already are filling the beef cattle and dairy cattle barns, as well as the swine department, and the superintendents of each of these shows are vying with the others for the highest quality of show animals.

That the Tri-State poultry show likely will display in excess of 3,000 birds is indicated by the entry blanks being received by Robert Ricks, head of this department.

The automobile show, housed in its new building, just completed, is sure to be a popular attraction, with virtually every make and type of car sold in Texas on display. Every member of the Panhandle Automobile association is exhibiting this year.

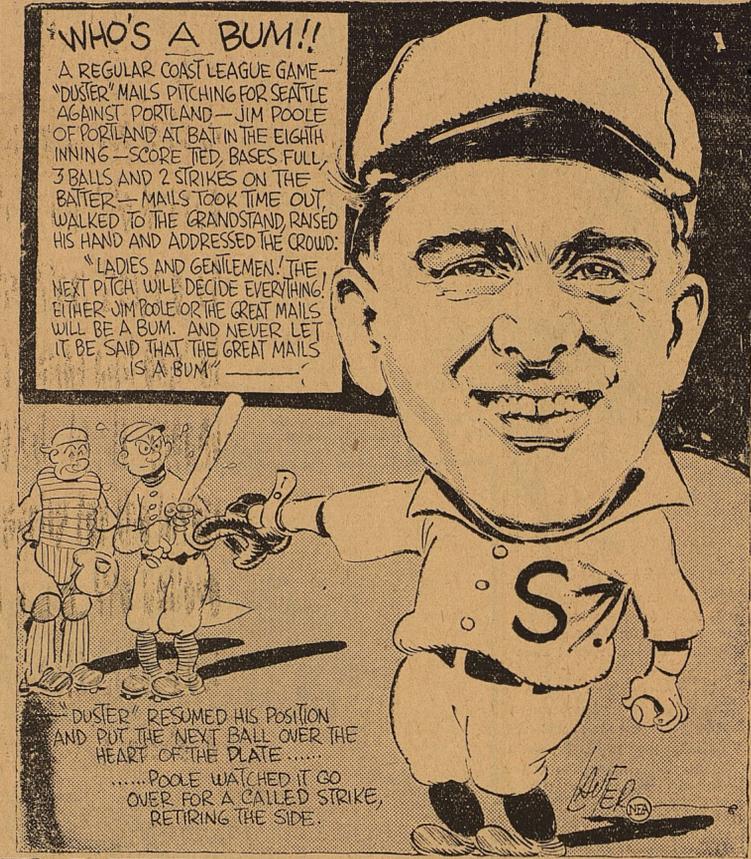
Amusements Varied

To guard against any dull moments during the entire week, a varied amusement program has been arranged, including the Leonard Stroud and Anvil Park Rodeos, Ernie Young's "Spanish Nights Revue," and the Beckmann & Gerety midway, with 20 shows and 14 rides. A number of other attractions independent of the midway also are to be seen day and night.

With all plans moving smoothly and things gradually taking shape at the fairgrounds, department heads are sure everything will be in readiness for the grand opening early Monday morning.

The first hermit was Paul, of Thebes, in Egypt, who lived about the year 260 A. D.; the second was Anthony, also of Egypt, who died in 345 at the age of 105.

BRUSHING UP SPORTS . . . By Laufer



Hughes Company Improves Rotary

Inability to drill hard rock was the greatest hindrance to the early development of the rotary system of drilling.

The Hughes rock bit solved this problem successfully in the oil fields of Goose Creek, Richfield, West Columbia, Tonkawa, Seminole, and many others; where tremendous rock strata were encountered. Hughes rock bits have made possible the broadening of the use of the rotary and the great economies this system afforded.

Saving in casing, speed in drilling,

insurance against cave-ins and blow-outs are unquestioned advantages and their relative savings are the direct result of the successful design and manufacture of Hughes rock bits.

HUGHES FORGED LUBRICATOR CAGE

Consistent with its policy of constant improvement, the Hughes tool company has recently developed a forged steel lubricator cage of perfect design. This cage is made of chrome nickel steel, heat treated to give long life.

The new design cage was primarily

developed to overcome the cutting action of sand laden flushing fluid. This was accomplished by the enlarging of the small drilled ports of previous design into two large ports.

Not only has the design brought improvement but the new lubricator cage is a steel forging which adds materially to the strength of the steel and therefore to the finished product.

The wide open ports of the forged lubricator cage afford a very good eyelet through which to pass the catline or hook. This feature is of course more readily appreciated in handling the larger sizes of Simplex rock bits.

Hughes Advertises Products Highly

The Hughes Tool company publishes any number of forms advertising company products. Everything is qualified according to minutest description.

Below, for instance, is a typical way of describing a product, Hughes valves:

- Design**
1. The design is rugged.
 2. All parts are accessible.
 3. All sections are cylindrical or spherical.
 4. Ample filets are provided at all intersections.
 5. The long condensing chamber keeps the packing cool.
 6. The Acme thread on the stem has longer life.
 7. The tongue and groove connection between stem and gate prevents bending strains in the stem and insures alignment of the gate.
 8. Ample packing space is provided.
 9. The design of the flanges simplifies the arrangement of the valve in the line.
 10. A. E. S. C. standards are adhered to, insuring a high factor of safety.

Material

11. The steel is close grained, tough and ductile.
12. The analysis of the steel is maintained to close limits.
13. Sulphur, phosphorus, and harmful impurities are at a minimum.
14. The steel is properly refined in an electric furnace.
15. All parts are scientifically heat treated—not merely annealed.
16. The steel maintains relatively high physical properties at elevated temperatures.
17. The castings are made in dry sand molds, eliminating sand scabs and pin holes.
18. Ample risers are provided on all castings, preventing cavities and spongy metal.

Workmanship

19. Workmanship is of the best.
20. Close tolerances insure interchangeability of all component parts, including Gates and Seats.
21. Working parts are accurately fitted, insuring positive control at all times.
22. The finished valve is thoroughly tested at pressure in excess of working requirements.
23. The entire manufacturing process is guided by the investigations of a completely equipped experimental laboratory.
24. Hughes Valves are guaranteed against all defects of material and workmanship.

Hughes Tool Co.

of Midland IS TOPPED WITH A

Lydick Roof

as are these other important West Texas Buildings:

- Scharbauer Hotel—Midland
- Thomas Office Bldg.—Midland
- Crawford Hotel—Big Spring
- Petroleum Bldg.—Big Spring
- Settles Hotel—Big Spring
- Midland Court House—Midland

When the roof of a building is placed by

"LYDICK"

satisfaction through the years is assured its owners.

Lydick Roofing Company

"Real Roofs" 414 W. Texas Ave. Midland, Texas

WELCOME TO THE HUGHES TOOL COMPANY

We extend to the Hughes Tool Company, its officials, its workmen and its prestige a hearty welcome to Midland. . . . We believe in the Vast Empire of West Texas and capital invested in it means prosperity for the investors. . . . We believe that the Hughes Tool Company has made a wise selection in the location of its plant at Midland and we wish to join the citizens in a real West Texas welcome.



CONGRATULATIONS TO MIDLAND

WE ARE PROUD OF OUR BANKING CONNECTIONS WITH MIDLAND'S BUSINESS FIRMS FOR ALMOST HALF A CENTURY OUR REPUTATION HAS BEEN BUILT UPON SERVICE AND STRENGTH

The **First National Bank**

Clarence Scharbauer President

M. C. Ulmer Cashier

Midland is proud of its growing commercial life and it feels that the Hughes Tool Company is a valuable asset to that life. . . . We congratulate ourselves upon being the home of this company in West Texas together with the many oil companies which it serves. . . . Midland is destined to continue its leadership in commercial life of this area and further growth is assured.

UTMOST CARE TAKEN IN MANUFACTURE AND TESTING OF VALVE CASTINGS OF HUGHES COMPANY; TOUGHNESS SOUGHT

The perfection and control of all steps in the manufacture of Hughes chrome nickel steel valve castings have been made possible thru the application of the practical methods of skilled workmen in co-operation with technical research conducted by a staff of engineers.

The control of melting and pouring practice commences in the scrap yard when the charge for the 3-ton electric melting furnace is weighed. Thruout the melting and refining of the heat the furnacemen work with the single desire in mind to finish with a steel of superior quality.

The control of molding practice commences in the sand heap. Care and thoughtfulness are evident in every detail of the molder's work where the ultimate aim is to produce a casting that will meet the most severe requirements demanded in pressure service.

The casting is heat treated in such a manner as to convert it from the raw, coarse-grained condition, inherent in all cast metals, to a fine-grained, tough, wear-resisting steel. In the heat treatment toughness is

considered the foremost requisite. Toughness is that property which combines high tensile strength with ductility and can be obtained only by the closest degree of control in control in all stages of making of the casting.

A test casting is poured from every heat made in the Hughes electric steel foundry, and sent to the research laboratory where thorough physical tests are conducted. These routine tests provide an intimate knowledge of the quality of the steel from heat to heat and furnish invaluable data leading to the development of a high degree of control.

Photomicrographs shows the microstructure of test sections.

Each Hughes valve is stamped with steel dies on the body flange with a serial number, test pressure and working pressure. On the end of each valve is stamped the size, pipe threading and taper. This eliminates the use of tags which are sometimes lost and after a valve has been used and placed in warehouse for future use there can be no question raised as to the rating of the valve.

All parts are made interchangeable. The taper and thread form in the pipe connections are machined accurately to insure tight joints.

The large stem, made from heat treated chrome nickel steel, reduces the danger of breakage while the Acme thread resists wear.

The tongue and groove flange facings prevent gaskets from blowing out.

Bolting surfaces on body and bonnet flanges are not merely spot faced but accurately machined, giving a smooth uniform face for stud nuts. The surface on the underside of body flanges is machined to special width, forming a locking rim for nuts. This locking rim of shoulder facilitates the removal of the bonnet whenever necessary, only one wrench being required.

The replacement and adjustment of the packing is facilitated by the use of swing bolts and accurately machined gland. The swing bolts remain attached to the stuffing box and are not misplaced or injured during repacking.

Guide ribs in the body are machined to insure accurate alignment of the gate, and to reduce friction to a minimum.

The seats are integral with the body and gate; a type of construction that eliminates possibility of leakage.

The gate rides high on the body seats, which are oversized to protect

Attractive Distraction!



The makers of one type of these midget radio receivers that have become so popular, particularly out west, tried to prove something when they displayed the set in bed with Miss Lillian Bond, at the recent Los Angeles radio show. But somehow the visitor paid more attention to Lillian than to the set.

When completed the Hughes valve is tested with kerosene at double the rated working pressure, during which period shock tests are also made. Subsequently the gate is opened under pressure and a final test with air at 100 pounds is made to check the seating of the wedge. This test insures positive closure under varying working conditions. Approximately 24 hours are required to test each valve.

Milling Made Easy Through Hughes Co.

A new era in milling was brought in with the operation of the Hughes Tool company.

It was this suggestion that did it: "Whenever you have a milling job, don't waste time—telephone or wire the Hughes Tool company for the number, size and type mills you want. They will be shipped on the first train out."

"Low prices have done away with resharpening. Operators should order four to six for each job, as he can return those not used; thus milling continuously until the job is completed, without having to wait for resharpening."

TOWER MASS

PARIS, Sept. 15.—Some fifty students and Abbe Buffet, chaplain of the Ecole des Beaux-Arts, gathered on the upper platform of the Eiffel Tower recently and Abbe told the students that the celebrated mass thereon. The mass was not out of curiosity, but to meditate upon the infinite. "From this loft 'chapel,'" he said, "every one should realize the value of the word infinite." The religious service was held 905 feet from the ground.

Visitors to Chile last years spent approximately \$2,300,000.

PUNJAB KILLER ADDS 15 TO LIST OF HIS VICTIMS

CALCUTTA, India, Sept. 18. (GP)—Harphul Singh, the killer of the Punjab, has struck again.

By slaughter of 15 persons at Tohana, the son of an obscure tailor who enjoys an unexplainable but deep hatred for butchers, now has brought the total number of his murders to a score.

Two years ago he began his reign of terror by slaying his sister's father-in-law. Later he robbed and killed a Mohammedan butcher in Narwana. Police sent a sub-inspector of police to capture him and Singh shot the officer to death in a doorway.

A month later two more Mohammedan butchers were added to Harphul Singh's list of victims.

Little was heard of him for weeks until with a companion he walked

into Tohana. Both were armed with double-barrelled shot-guns. Their pockets bulged with cartridges. They had come to terrorize villagers into surrendering money and gold bangles worn by the women.

Shots were fired and villagers dropped to the ground. The thatched roofs of two or three huts were set ablaze. Then Harphul Singh rammed. He rushed about the village firing into crowds of people cringing in terror, who had sought shelter in nooks and corners.

He sought out and killed five more Mohammedan butchers and then shot to death five Hindus. A Mohammedan mother and a child in her arms, crouched in a corner, were his next victims.

A money-lender refused to surrender gold and was killed. Cartridges exhausted, the killer deserted his companion and fled. The aroused villagers followed and were joined by police.

Along the road the killed had followed, the pursuers found bodies of a young tax collector and his clerk.

The government has offered a re-

ward of land and cash for the capture of the killer whose reputation is surpassed only by that of Turabz who killed 58 people in the Punjab before a police bullet ended his life.

NEW LUBRICATOR CUP

In line with the Hughes policy perfecting every detail of its products, the Hughes Tool company has developed a lubricator cup that assures successful operation of the lubricating system in the Hughes rock bit.

The new Hughes Lubricator cup is not made of leather but is manufactured from a composition material developed in conjunction with the laboratories of the H. W. Johns-Manville Co. This new cup will not shrink, swell, buckle or become flabby from contact with the atmosphere, steam, oil or water. Through tests show that it retains its pliability and size for years of exposure to atmospheric conditions, and consequently does not lose its usefulness while stored in the warehouse.



To Every Employee Of Hughes Tool Company

WE WELCOME YOU TO MIDLAND WITH OPEN ARMS.

Hall Tire Company

W. F. Hejl, Manager

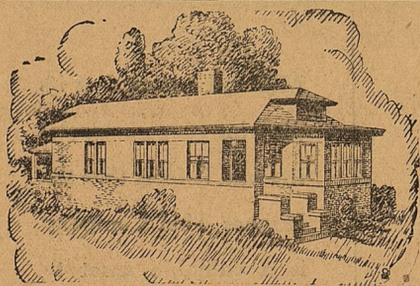
AUTHORIZED Firestone STORE

Midland

Road Service

Phone 586

We Never Close



To The Hughes Tool Company

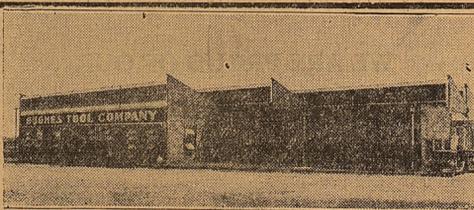
Your Officials and all employees—

We welcome you to Midland.

We are glad to have you— "and we mean it."

Home Furniture Co.

Biggest and Best In Texas' West'



To the

HUGHES TOOL COMPANY

Today, we, the people of Midland, are the interested audience and recognize you as our star. You stand in the center of the stage, full in the spotlight of the public eye.

We herewith acknowledge your importance in Midland and accord you just applause.

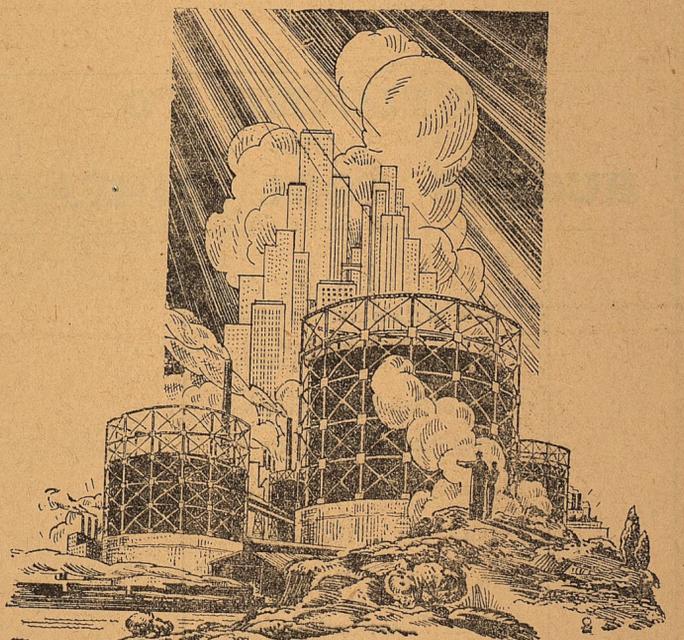
We Welcome You.

MIDLAND DRUG COMPANY

L. A. ARRINGTON, MGR.

PHONE 258

Opposite Scharbauer Hotel



At The Source Of All Business

The giant industrial plant and the tiny cottage are equally dependent on gas. The ideal fuel supplies the heat and power that keep the wheels turning. The West Texas Gas Company, therefore, has an immense responsibility to the public. We trust that our record of service reveals the extent to which we feel our responsibility.

We welcome the Hughes Tool Company to Midland. It will be our pleasure to serve them efficiently.

West Texas Gas Co.

HUGHES PULL DOWN RIG DESIGNED FOR TRANSMISSION OF THE PROPER WEIGHT TO ROCK BITS IN SHALLOWS

The "pull down" rig is a device designed for the transmission of the proper weight to rock bits operating at such shallow depths that the drill pipe alone is insufficient load to cause proper penetration of the teeth into the formation. It consists essentially of a roller thrust bearing which can be attached to any shape or size of Kelly joint now manufactured, of a means of transmitting a downward pull thru the agency of the traveling block, and of a spring shock absorber which maintains approximately a constant load without frequent engagements of the draw works.

The principal points of advantage are as follows:
1. More hole per set of cutters can be obtained when drilling at shallow depths, increases of over 300 per cent having been obtained.

2. Faster hole can be made if the pull down rig is used when the rock is shallow.

3. The "pull down" rig can be attached to any point on the Kelly joint, preferably a few feet above the rotary table.

4. It can be adapted to fit any size and shape of Kelly joint by a simple change of inexpensive toothed slips or jaws.

5. It has a capacity of 30,000 pounds downward pull, thus having ample capacity for the largest size

6. It is unnecessary to disturb the screwed connections at either end of the Kelly joint when installing. The body casing has a 10 inch diameter hole straight thru.

7. Its operation is speedy, the loosening of four set screws by means of a long handled socket wrench supplied, allowing it to be raised or lowered by the cat line and set at any desired height.

8. All wearing parts are replaceable.

ROPE IS ROCK PYTHON

ST. LOUIS, (UP).—A rope appeared to be twined about a stalk of bananas which reached the Banana exchange here but when the "rope" wriggled, employees scattered. By means of a stick, two employees snared the "rope" and found they had a rock python, two and a half feet long. It was presented to the zoo.

ASKS JAIL TERM

TORONTO, Ont., (UP).—Given the choice of a jail sentence for theft of a bicycle, or payment to the owner of the bicycle's value, Edgar Jacobs asked for the jail sentence "to teach me a lesson." He already had been in jail for a week on remand and found it "all right", he said.

Tungsten Carbide Cutting Face Is Hughes Process

All Hughes soft formation cutter heads are faced with Hughesite, a metal having exceptional hardness and resistance to abrasion. Applied to the cutting edges of a bit by a patented process developed by the Hughes Tool Co., Hughesite forms a tough wear resisting edge that secures unusual footage in formations found adaptable to its use.

Hughesite is a Tungsten carbide having a hardness in the same range as carborundum. On Moh's scale of mineral hardness, the diamond ranks 10 and carborundum 9.5, while quartz has a rating of 7. Hughesite, because of its superior hardness to quartz, readily cuts medium hard sandy formations that would soon dull the ordinary cutting edge.

Massive rocks having a high compressive strength such as granite, chert, hard limestone or hard sandy limestone are not readily cut with anything but a roller cutter or diamonds, and for coring such formations in oil wells, the Hughes roller, or hard formation cutter head is recommended.

SELF CLEANING CONE

The Hughes self-cleaning cone has set a new standard for speed and footage in practically every rotary field in the world. This cone was originally designed for drilling the medium and soft rocks such as chalk, anhydrite, sticky lime and the various shales. In the last few years however, it has found preference with rotary operators for drilling the harder ranges of formations grading from hard sandy lime on up to conglomerate and chert.

A large saving of time is effected by the use of the Hughes self-cleaning cone because of its ability to drill through soft formations without changing to a fish tail or disc bit.

The teeth of the Hughes self-cleaning cone are so designed that they clean each other of stick formation while rotating. The teeth on each cone are formed in concentric circles and so spaced that they intermesh. As the cones rotate the teeth pass each other, cleaning out all material packed into them, allowing maximum penetration of formation at all times.

Hughes self-cleaning cones can be used on the regular Hughes simplex rock bit, making it necessary to have only one bit head on a drilling well where the formations are such that both type cones are required.

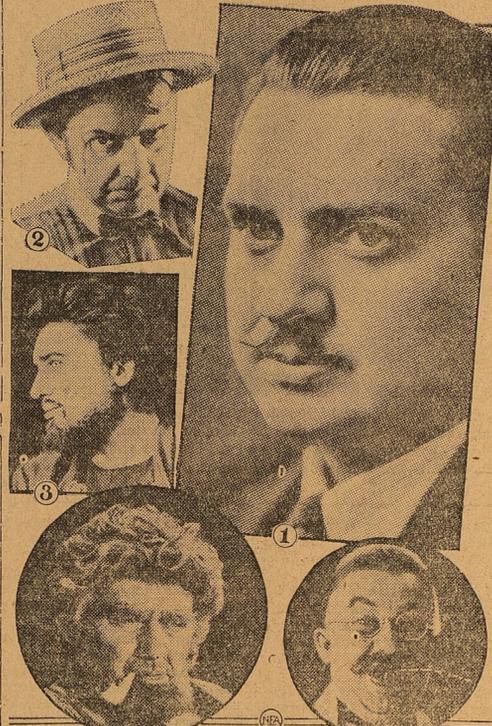
MODERN CHICKEN THIEVES

LONDON, Ont., (UP).—Even chicken thieves are benefitting by the marvels of science in Western Ontario, according to Inspector George Tustin of the Humane Society. Tustin claims that the thieves have been administering anesthetics to unsuspecting fowls. Empty ether cans left in chicken coops remain as evidence of the thieves' modern methods, he claims.

LIT UP ALL DAY

EDENTON, S. C., Sept. 18.—New York's "Great White Way" hasn't a thing on this town. Every street in the city is lighted, not only at night but all day long. It used to be that the city hired boys to go around evenings and mornings and turn the lights on and off. But it was found cheaper to leave the lights on all day than to pay the boys' wages.

LON CHANEY'S OLD FRIEND MAKING SUCCESSFUL TRIP INTO FIELDS OF CHARACTER ACTING; HE TRIES EASY DELINEATIONS, HOWEVER; HAS BEEN IN MANY DRAMAS



Here you see Jean Hersholt (1) as he appears in real life; (2) in "Hell Harbor"; (3) as Christ in "The Whispering Chorus"; (4) as the old Scotch captain in "The Girl on the Barge"; (5) in "So This Is Love."

By DAN THOMAS, NEA Service Writer.

HOLLYWOOD, Sept. 18.—Now that Lon Chaney has taken his place with the immortals of the screen who never will be forgotten, it might be interesting to see what is happening to the man who started at scratch with him back in the days when both were making only \$7.50 a day as bit players.

That man is Jean Hersholt, who incidentally was one of Chaney's few intimate friends throughout the great actor's colorful film career. Chaney and Hersholt first became acquainted when they were assigned to the same dressing room on the

old Universal lot years ago when both were unknown to the movie-going public.

What a coincidence that two men both having the same idea as to the best way to succeed, should have shared the tiny dressing room. Yet how fortunate as both used to arrive at the studio at an extremely early hour in order to experiment with various ways and means of making up before it was time for them to appear on the set. There was a difference, however. Chaney chose the grotesque, while Hersholt picked more natural and human characterizations. Although Hersholt has never

gained the prominence enjoyed by Chaney, he holds an enviable position in Hollywood. If one were to set out to name the 10 best actors in this land of promise, Hersholt would have to be included. And he has attained this position as Chaney attained his—through the art of make-up plus sincere performances.

Through some peculiar twist of fate the Danish actor has played practically every nationality but a Dane. He was the first player to speak in a Jewish dialect in the talkies, and in one of the first talkies, "Abie's Irish Rose," too. He was been a kindly father and the lowest of bums, he has been a lunatic and a banking genius, a poet, a musician and a ruthless adventurer. And he once portrayed the Christ in "The Whispering Chorus."

Although he has appeared in more than 250 feature productions, Hersholt has played "straight" only 17 times. And since the introduction of the talkies he has added nine distinct dialects to his repertoire. A short time ago he added Chinese characterization to his already long list of achievements. In the last year alone he has portrayed men of 10 different nationalities in as many pictures.

"I hit upon the idea of specializing in make-up when I first started in the picture business," Hersholt declares. "I noticed that very few of the actors around me paid much attention to make-up. Most of them used make-up solely for the purpose of making themselves photograph as well as possible, but they always were themselves. Therefore I decided that there should be a large field for an actor who could characterize any type of nationality of man. That I was right in that belief has been my good fortune."

CONVICT THANKFUL

MADISON, Wis., (UP).—How a convict who learned to read and write English in prison donated his first check for a story sold to a national magazine to the University of Wisconsin extension department which gave him educational opportunities was related by Chester Allen of the extension division.

Shells of the sea creatures known as Tridacnae grow to a huge size. They can only be detached from rocks by cutting their table with an axe, and one usually is a sufficient meal for 20 persons.



MIDLAND JOINS HANDS WITH HUGHES TOOL CO.

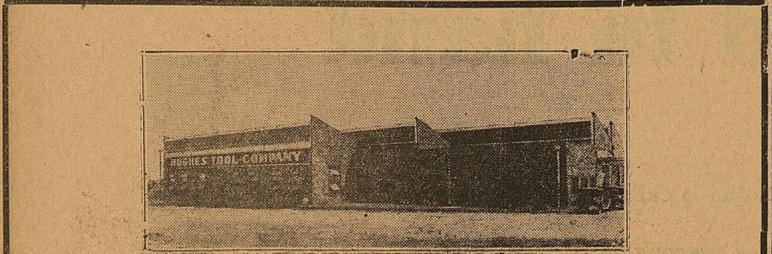
Midland realizes the full value of the Hughes Tool Co.

We rejoice in having you with us and will work with great energy and enthusiasm.

We sing a merry cherrio as you near your opening day.

NOBLES & TOLBERT Hardware

Windmills and Water Supply Materials. Phone 84



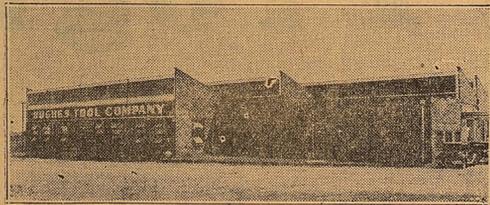
Hospitality--

Today, we join other merchants of Midland in extending "Midland hospitality" to the employees of the Hughes Tool Co.

WELCOME TO OUR CITY.

Mayes-Young Drug Store
Phone 148

We Welcome Hughes Tool Co. To Midland

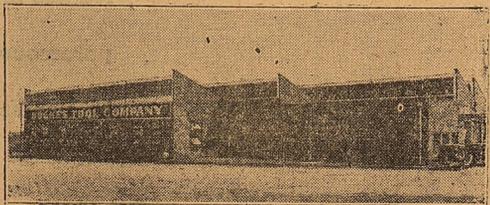


Wilson-Adams Co.

Home Owned

T. R. Wilson

Mrs. C. D. Adams



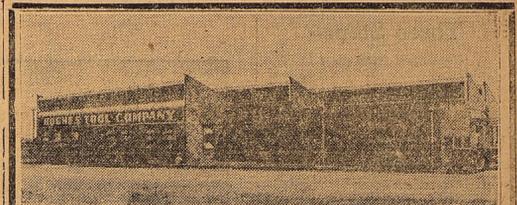
TO THE HUGHES TOOL COMPANY

We are proud to maintain our usual policy of encouraging sound manufacturing enterprises to come to Midland.

WE WELCOME YOU.

BARROW'S FURNITURE & UNDERTAKING

M. M. Seymour, Mgr.

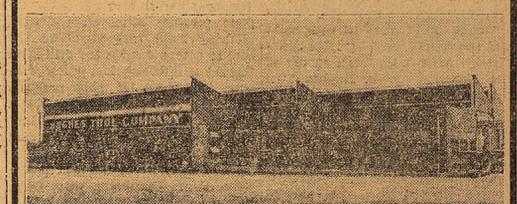


WELCOME

HUGHES TOOL COMPANY

We hope you find Midland people to your liking and that you will enjoy a good business at your new plant.

PERRY BROS., INC.
5c-10c-25c Store
Midland



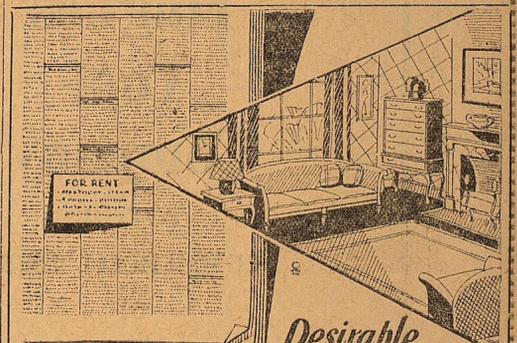
WE ARE INDEED HAPPY TO EXTEND A CORDIAL WELCOME TO THE Hughes Tool Co.

Also . . . we are happy to have had the pleasure of serving this company with the following supplies: Glass Pin Trays, Pen Sticks, Ink Wells, Oak Letter Trays, Columbia Files, Pencil Sharpeners, Stamp Pads, File Folders, Pencil Carbon, Typewriter Carbon, Rubber Bands, Clip Boards, Metal Copy Holders, Adding Machine Paper, Mucilage, Paste, Ink, Bank Pins, Desk Punches, Gem Clips, Erasers, Typewriter Ribbons, Pen Points, Pencils and many others.

WEST TEXAS OFFICE SUPPLY

Hotel Scharbauer Bldg.

Phone 95



Desirable APARTMENTS FOR RENT

The place you want at the price you're glad to pay can be found in the Classified Columns of The Reporter-Telegram. A few minutes' perusal will save you miles of travel and hours of time. Simply check the list and go forth in quest of the apartment that is waiting for you and your family.

Classified Phone No. is

77

WANT ADS

Three Steps--

(Continued from page 1)

The heat treatment is complete, four Brinell tests are made on each completed Hughes tool joint and diameters of the impressions are measured by a micrometer microscope, in two different inspection departments to eliminate possible error. The total allowable variation in diameter of the Brinell impression is one-fourth millimeter or ten one-thousandths of an inch.

A final gauging of the joints to insure interchangeability completes this long train of operations that put the high quality in Hughes tool joints and guarantees their superior performance.

Great Success--

(Continued from Page 1)

ected a great economy to operators in every rotary field of the world.

New Metallurgy

The Hughes Tool company developed, tried and proved the economy of using chrome nickel steel in the manufacture of tool joints, the "Acme" thread, and the value of heat-treatment. Today there are more Hughes tool joints in use throughout the oil fields of the world than any other make of joint-convincing testimony of their acknowledged leadership. More tool joints are made in the main plant of the Hughes Tool company than any other plant in the world.

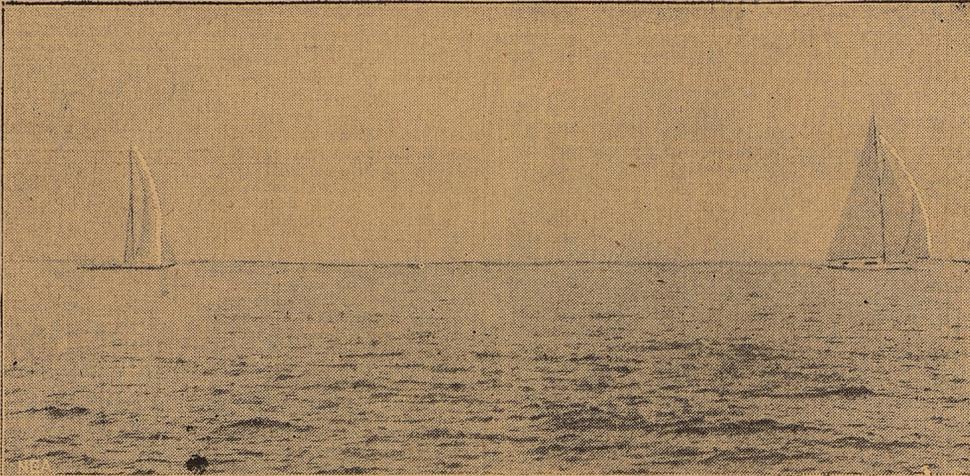
New Value Perfected

Only a few years ago, it was necessary to depend on an iron pipe line valve to close in a well. It was a "make shift" piece of equipment and the results were far from satisfactory. After a thorough survey of the industry's needs, Hughes Tool company engineers designed a chrome nickel steel drilling valve capable of giving satisfactory performance under extreme working conditions. The value of this valve was so evident that other manufacturers soon duplicated its design, and in so doing, joined with operators and contractors through-out the world in complimenting another service achievement of the Hughes Tool company—but only in Hughes valves can the purchaser obtain the Hughes standard of material and skilled workmanship—major factors in giving to the finished product its superior performance qualities.

Core Bit Turned Out

Years of field and laboratory experience also made possible the development of the Hughes core bit which has earned universal recognition through out the industry for dependability, economy and safety

Race for America's Cup



Setting their sails to the breeze in a contest for Anglo-American yachting supremacy, Harold S. Vanderbilt's trim Enterprise and Sir Thomas Lipton's British challenger, Shamrock V, here are shown as the Yankee boat (at right) shot away from her rival in the first race for the America's Cup off Newport, R. I. Enterprise, with Vanderbilt at the helm, sped away from her competitor on the second leg of the 30-mile race, crossing the finish line two minutes and 40 seconds ahead of Shamrock. Twenty-five million dollars' worth of pleasure craft witnessed the epic event, which was held in a heavy fog.

Hughes Quality--

(Continued from page 1)

of performance. With more recent engineering achievement of perfecting a core barrel vent and core bit plug, Hughes core bits are rapidly gaining recognition as an important factor in meeting all the requirements of modern drilling practice. The core barrel vent permits complete pressure relief on the core, allowing fluid trapped above the core to escape outside the drill stem instead of inside against pump pressure. The core bit plug prevents fouling of core barrel when going into the hole, eliminating necessity of flushing the barrel before coring operation is begun.

Modern service plants at Los Angeles, Calif., Oklahoma City, Okla with export office in New York City, together with the modern plant at Midland, rounds out the service cycle responsible for the world-wide distribution of Hughes tools.

LADY ST. PATRICK

RAPID CITY, S. D., (UP). — Snakeskin shoes and handbags displayed by Mrs. William Matson of the Bijou Hills district are of her own catches. Last week she dispatched her fifth rattlesnake in the chicken-house. The latest pelt had 20 rattles, the largest ever seen in this region.

Heat treatment provides control of crystal structure, so essential to maximum performance. No change can be made in the chemical elements existing in the steel, but heat treatment does control the way in which they are combined.

Our fine grain structure has exceptional resistance to fatigue, great toughness, and remarkable resistance to wear.

The same steel, before treatment, is notably deficient in these qualities most essential to satisfactory tool joint service.

Every joint is inspected four times in regular routine, to insure the correct grain structure.

Machines are used in the Hughes laboratory to measure the ability of metal to resist repeated loading. If a few crystals break each time a load is applied, failure will inevitably result. The metal structure must be such that all crystals bear the load uniformly. When this result has been attained, many million applications of load will be resisted without failure.

Unfortunately, the conditions of actual service cannot usually be measured in engineering terms.

We have, however, very complete laboratory equipment including machines which apply measured loads to the steel under conditions very similar to actual service. Thru the observation of tests made in these machines, we are able to select material for a given product, with definite assurance that it will do the work.

All the loads existing in a tool joint in service can be duplicated under conditions permitting exact measurement of the quantities involved. The result of these highly technical investigations is at your service in Hughes tool joints. p

Workmanship--

(Continued from page 1)

rations can be named in a few words, but the painstaking care exercised in performing them is a never ending source of wonder to those visiting the Hughes modern plant and seeing the work done.

When the machining and fitting operations have been completed, the bushings are heat treated for maximum resistance to wear and great toughness, which insures against any possibility of breakage.

As an added convenience to the drilling crew in the changing of

Hughes cones, the bushing threads are zinc plated to permit easy removal without danger of galling.

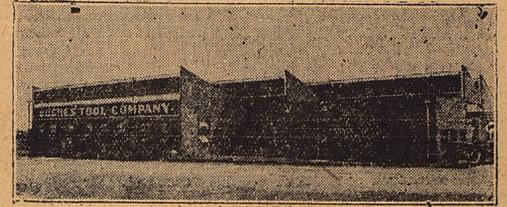
The final assembly of bushing, cone and ring into a unit provides an easy and rapid means of changing cones.

After being machined and heat treated, both the pins and the reamers are inspected for hardness and then ground to gauge so that the reaming rollers will be a perfect running fit on their pins. Perfect bearing surfaces in the reamers materially prevent their locking and flattening.

Reamers, pins and washers are finally assembled in one unit which allows of quick replacement of worn parts.

MISPLACED AUTHORITY

ST. PAUL, Minn., (UP).—A steam whistle on a locomotive passing under a viaduct blew three boards off the sidewalk above as it whistled for a crossing. The matter was reported to police who decided it should be referred to Commissioner of Public Works. Before the commissioner could be reached over WPDS the police radio station, a cruising squad of police not knowing of the change of authority for replacing the boards, put them back.



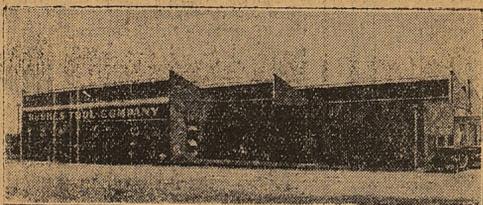
We Are Glad

To take advantage of this opportunity to express our thanks to the Hughes Tool Company for the business given us and further wish them every success here in Midland.

We hope your social life and business connections in Midland will be pleasant.

MAY YOUR BUSINESS PROSPER

Midland Hardware & Furniture Co.
Quality Merchandise Priced Right.



WE HEARTILY
WELCOME
THE
Hughes
Tool
Company
TO THE
COMMERCIAL LIFE
OF
MIDLAND
AND WE
CONGRATULATE OURSELVES
UPON
THEIR SELECTION

Progress
and the Bank
go hand in hand

When a business institution is called upon to expand, it finds the advantages of a strong banking alliance of paramount importance. Our bank is identified with Midland's successful commercial undertakings.

The
Midland National Bank

R. M. BARRON, President

J. R. MARTIN, Cashier

HUGHES PLANT OPENING FRIDAY

Woman Altitude-Record Holder Crashes to Death Today

LEASE DEALS, HOBBS COMPLETIONS, FEATURE OIL ACTIVITY

LEASES IN ANDREWS, ECTOR SELL

Hobbs Potential Is 540,000 Barrels, Estimated

Sale of half interest in the Llano Oil company's Andrews county strip lease, two miles south of the Fuhrman gasser, to the Shell Petroleum Corporation; purchase by the Skelly Oil company of the lease on the northeast quarter of section 28, block 43, township 1-north in Ector county, a mile east of the Cowden wildcat producer; and completion of 20 wells within two weeks in the Hobbs area constitute the high spots of oil interests in this territory.

Andrews County Strip The Llano strip, 300 feet wide at the east end and tapering off for 25 miles to a point, is part of the J. E. Parker fee land, and a portion of it is within two miles of the Fuhrman Petroleum Corporation's No. 1 W. T. Ford. Andrews county gasser, which remains shut down at 4,146 feet waiting for pipe, gas having been mudded off after making 26,000,000 cubic feet daily. The strip is shown on the map as the James Hobbs survey, block 111, Andrews county. The lease runs to March 18, 1935.

Near New Producer The Skelly purchase lies on the Blakeney land, close up to the Southern Crude Oil Purchasing company's No. A-1 Creden, and between it and the recent abandoned Penn No. 1 Goodman. The Southern Crude well gauged 261 barrels of oil in the 24 hour period ending at 7 o'clock this morning, and 258 barrels the day before. Tubing was seen delivered at the well but has not been run, present storage facilities being inadequate for a large increase in flow.

Ory of Drilling A wild ory of drilling continues in the Hobbs area, 20 wells having been completed during the first two weeks of September, bringing the estimated potential daily production of 540,000 barrels. Limited pipe line facilities hold the production down to about 35,000 barrels daily. With reports current on 74 tests, 43 wells actively drilling, it is believed that another 20 wells will be completed before the next proration gauge October 1.

TWO CONVICTS DIE AS RESULTS STABBING AFFRAY

HUNTSVILLE, Sept. 18. (P)—Volmer Tinney and Elmer Butler, prisoners on farm convicts, stabbed each other to death last night in a cell house fight, penitentiary officials revealed today.

Butler, sentenced from Johnson county for four years on an assault to murder charge, had three months left to serve. Tinney was serving 25 years on a charge of robbery with firearms.

Al Capone's Brother In Police Dragnet

CHICAGO, Sept. 18. (UP)—Police squads, hunting 26 gangster public enemies in the latest crime drive today, arrested Matthew Capone, a younger brother of Scarface Al. Fresh from Miami, Florida, Matthew was captured as squads lay in wait for Al at a luxurious south side apartment. He is being held pending investigation.

Luz Arcos, Mexican Who Killed Three Gets Month Reprieve for Sanity Test

AUSTIN, Sept. 18. (P)—Legal controversy over the sanity hearing for Luz Arcos, convicted slayer of three other Mexicans, sentenced to electrocution early tomorrow, brought a month's stay until the criminal appeals court can act on a request for writ of habeas corpus pending determination of sanity.

The Mexican slayer gained his first reprieve at the request of a priest who asked that the man be allowed to make his "peace with God." Arcos has been reading his Bible with regularity since his death minute was put forward by official action of Gov. Moody several days ago.

SARCASM FOUND IN REPLY OF E. F. CREEKMORE

NEW ORLEANS, Sept. 18. (UP)—E. F. Creekmore, general manager of the cotton cooperative association, issued a statement here today denying the charges made yesterday by Nathan Adams, vice president of the Dallas chamber of commerce, demanding Creekmore's resignation. "If he construes my taking the responsibility for advancing 90 per cent on cotton at the current value as pessimistic, it would be exceedingly interesting if he would indicate what percentage his bank is advancing," Creekmore challenged.

Says Brother Shot In Defense of Her

HOUSTON, September 18. (UP)—Tony Baimonte Jr., 19, who killed his sister's husband during a family quarrel at Stafford, near here, yesterday, is under \$2,500 bond today on charge of murder. The charge was filed today after Joe Todara, 22, died from two bullet wounds in his head. Baimonte's sister, Janie, who married Todara a week ago, witnessed the shooting. Janie said, "Joe started fussing and I asked him why he talked like that. He hit me and Tony got a pistol and shot him."

Coal Mine Blast Fatal to Seven

TRURO, Nova Scotia, September 18. (UP)—An explosion today ripped the interior of the Victoria coal mine at River Herbert exacting a death toll for the first time in the 100 years the mine has been worked. At least seven were killed, three bodies having been recovered.

Rotary Film Here For Tonight Only

A moving picture film, showing activities of the recent convention of Rotary International at Chicago, will be run on the screen tonight at the Ritz theatre, it was announced at press time. The film, of one reel, is entitled "Rotary comes home" and features the silver anniversary of Rotary. The film was received too late for announcement at the Rotary luncheon today, and officers were notifying members by telephone this afternoon that it will be shown tonight only.

PURSUIT CADETS LAND

Twenty pursuit cadet pilots from Kelly field, San Antonio, took off from Sloan field shortly after noon for El Paso, where they will spend the night before returning to their base from a flight that took them to Dallas and Ft. Sill before landing at Midland. The cadets were flying Curtiss Hawks and belong to the Oct. 20 graduating class. Field-Manager Harold Becherer said the group, under Lieut. Gaffney, is the first of several to be in Midland during the next few days. A bombardment squadron will land on Sept. 24, another pursuit squadron Oct. 25, more bombers Oct. 6, and an attack group Oct. 8.

COMMISSION WILL CONSIDER RATES

AUSTIN, Sept. 18. (UP)—The state railroad commission today called a hearing here September 22 to consider petitions filed by railroad companies seeking authority to reduce cotton rates to meet motor truck competition to Houston, Galveston and Texas City. The commission will also consider establishment of comparable rates from stations within the general territory by lines other than those requesting rates.

AIR MAIL MAY BE FLYING BY IN 30 DAYS, IT IS SAID

Airmail service through Midland was assured within 30 days when Postmaster General Brown announced he had awarded to the Aviation corporation of New York City, in conjunction with Southwest Air Fast Express, the contract for carrying mail on the new Atlanta to Los Angeles route. Southern Air Transport, which has been operating between El Paso and Atlanta for nearly a year, is a subsidiary of the Aviation corporation and will be the operating company for the all-southern line. Midland hopes to be a stop of the new line, but this is not assured, other ports are asking for the stop.

Aviation corporation and Southwest Air Fast Express offered the only bid for this service. For the present, the postmaster general announced, the schedule will be for daylight flying only, with the understanding that a new schedule for night flying will be worked out when the airway is lighted.

The Aviation corporation, recently incorporated in Pittsburgh, received the contract for carrying airmail on the New York-Los Angeles route, press dispatches said today. This company presented a low bid of 64 per cent of maximum rates, outbidding the combined Transcontinental Air Transport-Western Air Express offer of 97 per cent. On the Atlanta-Los Angeles run Southern Air Transport, representing the Aviation corporation, will receive 100 per cent of the maximum rates.

Whether the defeat of Western Air Express in bidding for the airmail contract between New York and Los Angeles, will have any effect on the recently sale agreement regarding the El Paso-Los Angeles branch of Western Air Express, has not been announced. While awarding of the bids was pending, Aviation Corporation negotiated with Western Air Express for purchase of this branch it was said. Local officials of S. A. T. today anticipated opening of airmail service through El Paso a number of days before the specified 30 days expires. Aviation Corporation officials recently made a survey of the all-southern route, laying plans for opening the service. Dallas has been designated as division maintenance point on the route. Tri-motored equipment has been ordered to this point, it was said, in preparation for opening the service.

TAUNTED DEATH ON TAKE-OFF

Was Hopping Against Transcontinental Time Record

SAN DIEGO, Calif., Sept. 18. (UP)—Ruth Alexander, 20, San Diego flyer, was killed at Loma Portal near here today soon after taking off on a flight to New York. The plane crashed into the side of a hill in the residential section.

The flyer took off in a low wing monoplane in a heavy fog and is believed to have lost her bearings. Residents heard the crash and the girl's body was found in the wreckage. Bits of the plane were strewn along the hill indicating she was traveling at a high speed.

A world altitude record had been set by Miss Alexander in June and she was considered one of the best women flyers in the nation.

Explosion Expected SAN DIEGO, Sept. 18. (P)—Ruth Alexander, 24, who was killed in her airplane here today on a projected one-stop transcontinental flight to Newark, flew only four miles before she crashed. The cause was not determined but investigators suspected a possible gasoline explosion.

Miss Alexander's 13,000-foot altitude record for women with planes under a 100-horse-power still stands. She recently made nonstop flight from Vancouver, British Columbia, to Agua Caliente, Mexico. Before leaving Lindbergh field, Miss Alexander jokingly told reporters, "If I crack up send me purple pants; I like them best."

MIDLAND SCHOOLS GET DISTINCTION IN NEW BULLETIN

A bulletin from the state department of education was received by local school authorities today, showing Midland high school to have a total of 35 units of affiliation with the University of Texas.

The local school has three distinctions in this respect never having applied for a credit which was not granted, having the maximum affiliation. (See MIDLAND SCHOOL page 6)

Boone Speaker at Rotary Luncheon

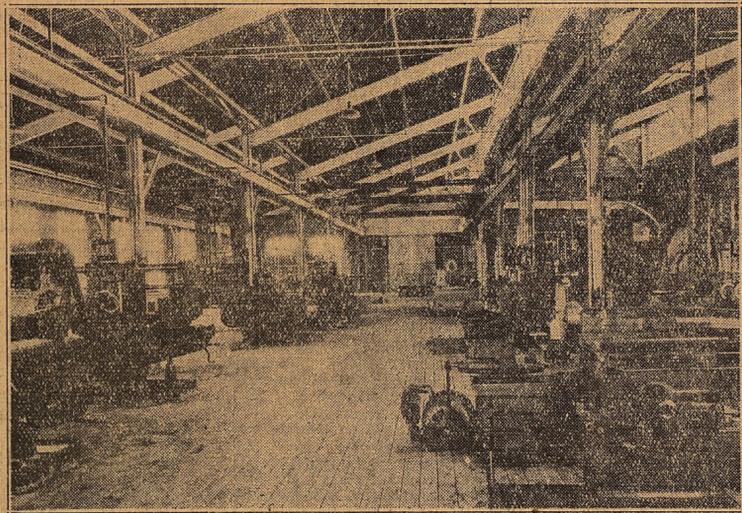
Modern man and old fashioned religion was the subject of an address by the Rev. Leslie A. Boone, pastor of the First Methodist church, at the Rotary club today. The speaker showed how man can make use of things which God has created but that man cannot create. He cited examples of men who have been outstanding successes in their vocations and who had time to give to God's work, make the declaration that the man who achieves success on earth without having God in his life ends his career at the grave, whereas the spirits of those who have God's aid live on.

Wallace Wimberly opened the program with a piano number, playing a well known hymn with variations, imitating the chimes heard on Sunday morning in Nashville, Tennessee.

Fred Wemple, after speeches by friends in his behalf, was appointed sergeant-at-arms of the club.

Program committee for October, November and December was named, including Ily Pratt, chairman, George D. McCormick and Elliott Barron.

Interior of Latest Building Here



Equipped with machines that are correct to the nth per cent of an inch, made convenient by traveling cranes with lateral controls mounted on them, the Hughes Tool company plant is a model of engineering. It will be opened Friday to the public and everyone is invited. The chamber of commerce is making plans for handling a large crowd and will see that everyone is personally conducted through the building, one of three service plants operated by the multi-million-dollar organization.

Enterprise Easily Takes Fourth Race From Briton

Tool Company Demands Best

Some idea of the quality specified by Hughes Tool company engineers may be received from an order of plumbing for the plant to be opened here Friday.

The plumbing contractor was told to get for the plant a certain type wash basin. When the contractor began checking his catalogue he found that the specification was so high that the basins would have to be made special, not being kept in stock. A great amount of copper base fixtures go into the plumbing of the plant.

ASK COOPERATION IN CHARITY WORK OF ASSOCIATION

Cooperation of the public in giving systematic aid to charity causes is asked by the executive committee of the Midland Community Welfare association. Funds of the public have been entrusted to the committee for disbursement, and the members of the committee, Mrs. W. H. Sloan, Mrs. J. E. Hill and Elliott Barron, serving without compensation, state that they desire to use the funds to the best advantage. Citizens who have beggers or charity cases calling upon them are urged to refer the solicitors to members of the committee. Investigation of such cases is made and relief is based upon the needs of those soliciting. In many cases, it is found that the solicitors are unworthy. In others, money is asked for but the committee finds jobs instead.

Midland citizens will save thousands of dollars annually, it is pointed out, by serving charity cases through the organization, and at the same time render greater service.

PLENTY OF MULE

TUSCOLA, Ill., (UP)—No horses, but plenty of alleged "mule" was confiscated here recently when Sheriff O. R. Twiford, made a raid on the old livery stable of D. A. Cooper, 82.

NEWPORT, Sept. 18. (P)—The American sloop Enterprise today completed a successful defense of the historic America's cup, winning the fourth straight race and the series, four victories to none, over Sir Thomas Lipton's challenger, Shamrock V.

It was the 37th successive American victory over British challengers. The Shamrock started well today but soon lost the advantage and was badly beaten.

Yesterday's race was decidedly unsatisfactory from the sporting angle as the American sloop continued the race after the sails of the British boat fell on deck soon after the boats had crossed the starting line. The British boat had to withdraw from the race and put back to the starting point, there to watch the American ship make the distance with no opposition.

It was understood that the American skipper could allow the race to be run again, but no information of such an offer was received in dispatches.

America has won important races in the past through disability of foreign boats and many sportsmen were of the opinion that today's race would be held for decision of the third meeting of the rival sloops, rather than for the series of races.

Sir Thomas Lipton indicated Wednesday that he would never challenge again. He said that it required too much investment of money to individually build a boat to compete against a whole American syndicate. He was a game sport throughout, but showed the efforts of supreme disappointment at the showing of his boat, which never came up to requirements.

No One Fatally Hurt in Collision

HOUSTON, Sept. 18. (P)—Two Missouri-Pacific trains collided near Odem early today. Fireman O. R. Hayes was the only person injured. The engines were slightly damaged. Mallory McDonald, road official, said the engineer of the northbound train had passed the meeting point.

MIDLAND COTTON PICKERS QUIBBLE AT PRICES PAID

Midland county cotton farmers are in need of pickers, but Mexican and negro families are "holding out" for a greater price than can be afforded, leading farmers say.

Pickers want \$1 per hundred pounds for picking, but farmers say they can pay only 60 cents, citing pickers to the fact that throughout the state 50 and 60 cents per hundred pounds is being paid and that, furthermore, Midland county cotton is as good as that anywhere else in the state save along the Rio Grande and in South Texas.

No advertising for cotton pickers will be made, it has been decided by the farmers. They will go to the chamber of commerce and let it become known how many pickers who want to work to the farmers.

Sixty-Five Tickets To El Paso Sold

Sixty-five tickets aboard the grid special to be run to El Paso Sept. 27 had been sold by the middle of the morning, it was announced at the chamber of commerce office.

A booth had been established on the streets near the First National bank and two high school girls were in charge of sales. Two more days will be devoted to sale of tickets, 150 of which must be bought before the special can be run. It was pointed out that the faster the tickets are sold the earlier the railroad company can be advised concerning the special train and, thereby, better service insured.

Executes Deed Then Lights Funeral Pyre

LAREDO, Sept. 18. (P)—Estaban Saba, of Nuevo Laredo, died today of burns received last night when firemen found him on a blazing kerosene bed. Earlier he had executed a warranty deed to a friend saying, "take care of everything if anything happens."

VISITORS TO BE MET AT PLANT

Visiting Hours from 10-12 and 3-5 During Day

Friday will see the christening of the quarter-million-dollar Hughes Tool company plant, the pride of industrial Midland.

Several hundred persons of Midland and throughout the Permian basin are expected to arrive at the plant early, in order to see the machine turning out work.

The plant is open to the public in the morning from 10 until 12 o'clock and in the afternoon from 3 until 5 o'clock. The chamber of commerce preparations committee will see that everyone is properly conducted through the large building.

Student Hours School children have special hours, 3 until 5, for being shown about the plant. It has been requested that parents or teachers accompany the children.

R. E. Kimsey will be manager of the company, C. M. Moore superintendent and M. M. Collier office manager, W. W. Hampton, superintendent of the Los Angeles service plant of the company said, Kimsey came to Midland from Big Spring and Tulsa, where he was in the oil field supply business for years.

Moore is an "old timer" with the Hughes Tool company, having been in its employ 13 years of the 20 years the company has operated.

Collier has been with Hughes for almost six years. Hampton will return to the California plant after studying the Houston and Oklahoma City plants for several weeks. He has been with the company for 12 years.

"I should like to say appreciation to the city council, chamber of commerce, The Reporter-Telegram and to everyone generally for the wonderful co-operation Hughes officials have received while in Midland," Hampton said. "I have never seen a more cosmopolitan population in any town, nor have I ever seen any town governed so neatly like a city. That the place breathes optimism and exudes ambition is only another factor in a future leading of more industries destined to make the city more firmly grasp the hold she has taken as oil capital of this large production area. I hope that every man, woman and child will come out Friday and visit our plant and that each may enjoy being there as much as officials will enjoy being host."

The following make up the chamber of commerce. (See HUGHES PLANT page 6)

FLAPPER FANNY SAYS



THE REPORTER-TELEGRAM

Evenings (except Saturday) and Sunday Morning MIDLAND PUBLISHING COMPANY, PUBLISHERS 116 West Missouri, Midland, Texas

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Subscription Price Daily, by Carrier or Mail Per Year \$5.00 Per Month .50c Advertising Rates Display advertising rates on application. Classified, rate, 2c per word; minimum charge 25c. Local readers, 10c per line.

Any erroneous reflection upon the character, standing or reputation of any person, firm or corporation which may occur in the columns of The Reporter-Telegram will be gladly corrected upon being brought to the attention of the firm.

THE FORERUNNER OF INDUSTRY

Formal opening Friday of the magnificent plant of The Hughes Tool company in Midland is believed to be the forerunner of a new day in Midland, a day in which industrial plants and payrolls will be joined with the cattle, oil and agricultural interests to build here a great city.

The Hughes company, in itself, brings to Midland an investment and a payroll excelled by few institutions in this part of the state. Choosing Midland on account of its strategic location relative to oil activity in West Texas and eastern New Mexico, the Hughes payroll will be on a gradual increase in proportion to new activities in the fields.

Already, since the plant was located here, one new potential oil field has been found closer to Midland and another seems on the verge of being established. Most of the development in Midland's area has been in the period of depression, and with predictions that better times are "just around the corner," one can hardly imagine the possibilities of future development.

The Hughes company has a record of being followed by supply houses and other payroll institutions in every place it has located a house or factory. Indications are that Midland will not only be no exception but that a record may be set here for locating permanent houses to serve the ever-growing and long lasting oil areas of the Permian basin.

TEXAS INDUSTRIAL TRAIN

Within the past few weeks the program for industrialization has made rapid strides.

Following closely upon the heels of an announcement that Texas Legionnaires had endorsed industrial plans advanced by the state's newspapers, came disclosure of the plans for Texas-Industry-On-Tour.

Texas-Industry-On-Tour is a special baggage and pullman car train of industrial exhibits typical of the state's varied manufacturing enterprises.

Thundering over thousands of miles of Texas railways, this train will stop a day or more in almost every town and city which invites its presence.

Texas-Industry-On-Tour is said by a number of leading industrialists to be the greatest traveling educational exhibit ever undertaken in the state.

With particular emphasis will it drive home the truth of the slogan, "What Texas makes, makes Texas." It will, for the first time, graphically illustrate the extent and variety of Texas industry and Texas manufacture.

Those in charge say the train will be open daily from 9:30 a. m. to 10 p. m. In the mornings it will be re-

stricted to Texas merchants and distributors; from 1:30 to 4:30 p. m. it will be open exclusively to escorted school children and from 4:30 to 10 p. m. it will be open to the general public.

Details of itinerary are rapidly being completed and it is understood that an attempt is being made to schedule the train for every town and city that desires to inspect it.

The purpose of the tour is purely educational, and no admission or other charges are contemplated.

Texas-Industry-On-Tour should do much by way of informing millions of Texans upon the industrial advantages offered by their state. It is a logical development of the program for industrial growth and expansion.

THE PROSPERITY WEATHER-VANE

This week's news proves most encouraging. It seems that the depression is just a mental attitude rather than the basic and economic condition we had thought it to be.

First came the announcement of the Texas and Pacific's \$13,000,000 investment in West Texas; then news that the Sinclair interests are to spend \$2,000,000 expanding their ship channel refinery at Houston; and finally an announcement that the Magnolia Oil company will spend a similar amount upon their refinery at Beaumont.

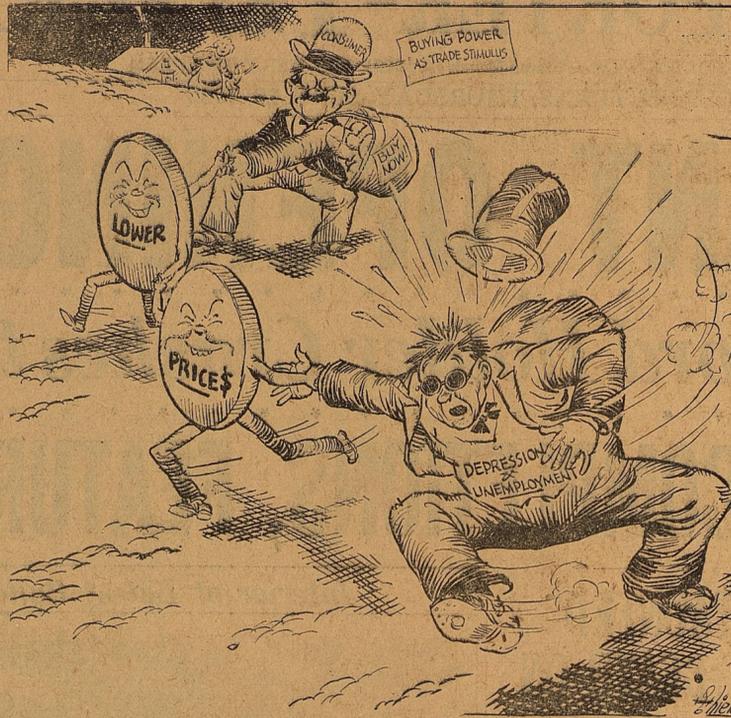
From the Magic Valley came the important news that coffee has been grown there successfully, crops valued at \$1,000 being produced upon a single acre.

Roger Babson casts himself in a new role. He is now the prophet of prosperity. He asserts that business has turned the corner, that factories must speed up production, that the farmer's buying power is much greater than generally has been supposed.

The five announcements, coming at almost the same time, make it exceedingly difficult to hold the old idea that the depression persists.

Especially significant is the fact that these prosperity indications are not mere talk. Babson was the first economist to predict the depression and his words command tremendous influence with capital and industry; moreover, so far as Texas is concerned, his prophecy is given the semblance of truth by the immediate expenditure of enormous sums of money by representative state industries.

It's a Great Game, Folks! Snap Into It!



Daily Washington Letter By Rodney Dutcher

Life in the United States Is Well Flavored With Extracts and Spices and Everything Nice; Survey Shows Women Prefer Pineapple Taste and Aged People Like Raspberries

WASHINGTON, Sept. 18. — Life today has more flavor than ever, as proved by the Census Bureau of the Department of Commerce in reporting an American consumption of about 10 per cent more flavoring extracts and flavoring syrups in 1929 than in 1927. Nearly \$127,000,000 worth of syrups and extracts were manufactured last year.

Prohibition has not done the industry any harm, but there was no appreciable increase during the two-year period in production of malt syrups and extracts, of which there are \$32,000,000 in 1929, an increase of less than three percent. On the other hand, production of cordials, with which some persons are often tempted to mix alcohol to obtain pre-prohibition effects, increased 17 per cent. Use of flavoring syrups such as those found at soda fountains rose 27 per cent.

Flavors of various types have their ups and downs. Lately ginger flavor has taken a hard blow as an indirect result of the crippling of thousands who drank an adulterated poisonous type of Jamaica ginger supposed to have been produced by bootleggers. Many persons, unaccustomed to drinking Jamaica ginger for alcohol stimulation or not even aware of the practice, got the idea that it was dangerous to drink ginger ale or other preparations containing ginger. The people who make ginger ale and ginger ale flavor have been trying to combat the silly idea.

Many Misinformed The Bureau of Health Education of Jamaica recently issued a statement bemoaning the fact that the "jake" disease had been associated with Jamaica (West Indies, not Long Island) and asserting that "Jamaica ginger" was a misnomer applied to tincture of ginger because in the early days most ginger reaching the United States came from Jamaica. "The association of the name of this island with the disease is very unfortunate," the board said, "for it damages the products of the island in the minds of the uninformed."

One learns at the Department of Commerce, where they seem to know nearly everything, that individual taste in flavors and odors is likely to vary with sex and age. Mr. F. Aumuller of the Cramer-Krasselt Company of Milwaukee recently told a convention of the National Retail Tea and Coffee Merchants' Association at St. Louis of the results of a questionnaire mailed to hundreds of men and women in all walks of life.

Women show a great preference for pineapple, the survey indicated. They are also stronger for peach flavor than men and have a slightly more marked preference for the apple. Women are much fonder of strawberry and its flavor than men and also fonder of the raspberry. Not a single person who had reached old age was found to dislike raspberries.

Coffee Well Liked Among spices women like cinnamon and cloves better than men do. Men and women like caraway and nutmeg in about the same proportion. The average is also quite close with chocolate, but chocolate loses some of its interest as people grow older.

Coffee is one of the best liked flavors among both sexes and the liking for it increases with middle age and decreases after that point. Maple is a strong contender for honors and people like it a little better as they grow older.

Only 48 per cent of men admit liking the odor of tobacco and only half as many women. In middle age and afterward the liking increases somewhat.

The Town Quack

Reserves the right to "quack" about everything without taking a stand on anything.

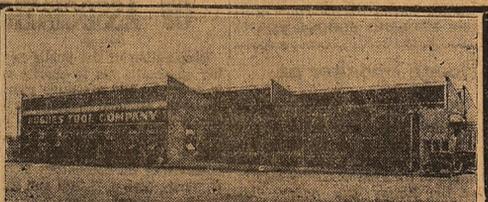
A railroad spike run through one of his tires. He says there are plenty more on that road, and the sooner we get the spikes gathered or get another road to travel on, the sooner people from that section are going to come here.

A house wife has called on us for a recipe for making biscuits. One of the married boys here at the office says his wife uses one cup flour, two cups cement and a little bit of water. If she is in a hurry, she leaves out the flour.

I've seen a picture of the football team of Austin high at El Paso, all of them sitting on a flight of concrete steps at the new building. One thing I can say is that the building looks substantial. Take a private trip from me and buy a ticket on that special train if you want to see Midland mop up on a city team. The roughest looking bird in that picture of El Paso boys was the assistant coach, and if they keep him out of the game, I believe we can beat them.

Whatever you do, don't fail to visit the Hughes Tool Company plant Friday afternoon. If it isn't the biggest thing in Midland I'll go with you in person to see whatever you claim is bigger.

Scientists at the Massachusetts Institute of Technology have invented apparatus that forecasts thunderstorms to warn aviators. C. W. Post had a sample of the road material between here and Hobbs on his car yesterday. It was tea is not nearly as well liked as coffee; women are much its strongest devotees. Women are partial to vanilla and men are partial to peppermint. Everybody dislikes lard and most other fatty odors and tastes. Men like sauerkraut a little better than women do. One-third like alcohol, one-third don't and the rest don't care. The female dislike for it is stronger than the male.



WE WELCOME

HUGHES TOOL CO. TO MIDLAND

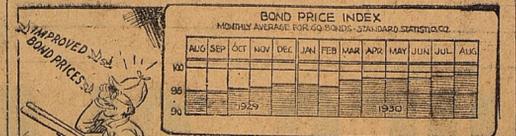
All electrical work in the new \$250,000 Hughes Tool Co. Bldg. was done by us. Only first class material and workmanship was considered in the bids.

"WE GUARANTEE OUR WORK"

PETROLEUM ELECTRIC CO.

H. N. Phillips Petroleum Bldg. Phone 878

BOND PRICE RISE SHOWS DEPRESSION IS WANING AND GOOD TIMES APPROACH



By ALLARD SMITH, Executive Vice President, Union Trust Co., Cleveland, Ohio.

Industry has been in the grip of world-wide depression for something more than a year, and with each succeeding month the economic skies have been anxiously scanned for signs that the clouds are breaking. After long waiting the first glimmerings of recovery are now beginning to appear.

One of the most convincing of these favorable indications is to be found in the behavior of bond prices. It is true that the stock market has tended toward greater firmness since the first of August, but it is to the bond market that experienced observers have been looking for proof of a genuine return of confidence on the part of capital.

Bond prices are at the highest levels in two years. In the past, the return of such confidence has been an infallible sign that business revival, slow and gradual though it may be, is not far away. This was true after the panic in 1907 and again in 1921. It is not improbable that should the recent bond strength continue it will hold the same significance in 1930.

As bond market activity grows there is an increase in the speed of capital circulation. More money becomes available for important construction projects and once construction starts to expand employment and purchasing power increases and the first definite step in recovery is then in the making.

Already building is looking better. In the first week of September building construction contracts in the United States made a notable gain. The record of one week, however, is insufficient to establish a trend. Another constructive bit of testimony is in the apparent halt in the decline of commodity prices which had fallen to the lowest levels in a decade. Moreover, few depressions have lasted longer than 15 months. This one has already dragged out 13 months and at last some seasonal recovery this fall is probable.

Vibrations of the earth as slight as one ten-thousandth of an inch are registered on a new recording device installed in a United States government laboratory.

Ancient Greek ships carried many anchors, one of which, called the "sacred anchor," was never let go unless the vessel was in grave danger.

How Old Are You? When Will You Be 42?

Today You Say—And That Is That—But Tell Me Are You Very Fat

Well, if you are—it's probably your own fault—you don't know how to eat right and that's one reason.

If you would like to learn how to lose the fat you hate—and no one else likes—do as I did—Take this 30 day test—

Cut out candy, cakes—pies and ice cream—cut down potatoes, rice—butter, cheese, cream and sugar—Eat anything else you feel like eating but moderately—lean meat—fish—chicken—vegetables and fruit are best—

Take one half teaspoonful of Kruschen Salts—in a glass of hot water every morning before breakfast—don't miss a morning—follow this advice. One woman lost 19 pounds in 4 weeks—another got rid of 47 pounds in 3 months—a New York woman lost 14 pounds with one bottle of Kruschen and is full of vim and pep, so she writes—

At Meyes-Younz Drug Store or any drug store in the world you can get these magic salts—one 85 cent bottle lasts 4 weeks—Ask for Kruschen Salts—an enemy to Fat. (Adv.)

TRADE IN YOUR OLD TIRES

We Will ALLOW You MORE

Advertisement for Firestone tires. Includes text: 'TRADE IN YOUR USED TIRES NOW. We will make you a liberal trade-in allowance—on one tire or a full set. If your tires are worn smooth they are worth money to us, as we have an up-to-date repair department and can apply a new tread, and we have a ready sale for these tires. If your tires are only partly worn, or if they are new and do not provide you with the safety that you want for the wet and slippery weather this fall and winter, we will give you still more for your tires in trade for new Firestone tires.' Includes images of tires and a price table.

We are in the tire business—we know tires and tire values, and give you better service and lower transportation cost.

SAFETY and ECONOMY THAT IS NOT DUPLICATED at THESE PRICES

THE tire buying public is entitled to the truth about tire values. We joined with Firestone to give car owners the facts. When we sell you a tire, we not only sell you the most economical transportation but greatest safety.

Table listing Firestone tire models and prices. Columns include model name (Oldfield, Courier, Anchor), tire size, and price. Includes a section for Firestone Batteries with prices for 13-Plate and Sentinel models.

COMPARE CONSTRUCTION and VALUES

Table comparing construction and values of different tire models. Columns include tire size, rubber volume, weight, width, cords per inch, plies at tread, and price.

Come In and Examine the Tire Sections—The Facts Speak for Themselves

A DEPARTMENT STORE FOR MOTORISTS

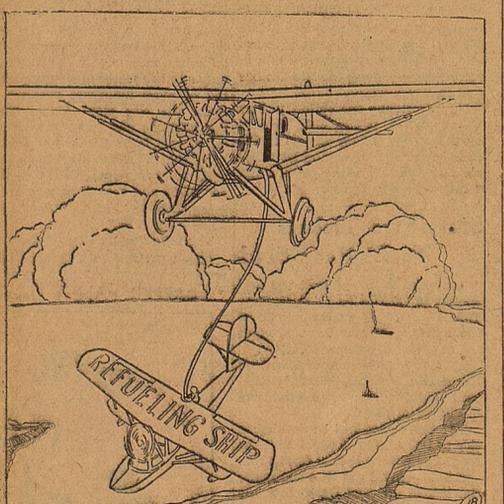
WE SELL AND SERVICE the complete line of Firestone Tires, Tubes, Batteries, Brake Lining, Rims, and Accessories—also Gasoline, Oils, and Lubrication. This means we buy higher quality products at lower cost and pass these savings on to you in lower cost transportation per mile and more efficient service.

DRIVE IN TODAY—TRADE US YOUR OLD TIRES

Hall Tire Company

W. F. Hejl, Manager Midland -- Phone 586 Road Service -- We never close. Gas -- Oil -- Washing -- Greasing -- Vulcanizing Stores at Big Spring, Eastland, Ranger, Breckenridge, Cleburne

ERRORGRAMS



There are at least four mistakes in the above picture. They may pertain to grammar, history, etiquette, drawing or whatnot. See if you can find them. Then look at the scramble by switching the letters around. The word below—and unscramble it!

Grace yourself 20 for each or the mistakes you find, and 20 for the word if you unscramble it. Today, on back page, we'll explain the mistakes and tell you the word. Then you can see how near a hundred you got.

There are at least four mistakes in the above picture. They may pertain to grammar, history, etiquette, drawing or whatnot. See if you can find them. Then look at the scramble by switching the letters around. The word below—and unscramble it!

SOCIAL NEWS PAGE FOR WOMEN

School Faculty Members Are Honored at Watermelon Feast Wednesday Afternoon; Messrs. Lackey and Shiflett Are Hosts

Outstanding among the early social functions in honor of the faculty of the Midland public schools was the annual watermelon feast given Wednesday afternoon by Superintendent W. W. Lackey and Principal D. D. Shiflett at Cloverdale park at 4 o'clock.

Following the close of school approximately 100 teachers, guests, members of the school board and ministers motored to the park where iced watermelons, donated by G. W. Golladay and Rex Long, were served. The melons had been chilled at the Southern Ice & Utilities company.

The guest list follows:
Board of education: J. E. Hill, president; Jno. P. Howe, secretary; R. V. Lawrence, Geo. Ratliff, W. A. Yeager, Dr. John B. Thomas, B. Frank Haag.

Faculty: D. D. Shiflett, principal; Miss Thelma Lee Rippey, L. K. Barry, Mrs. L. K. Barry, Miss Helene Miley, Miss Vera Hefner, Mrs. Clinton Dunagan, R. C. Coing, Miss Theresa Klapproth, Miss Tamie Burrus, Miss Stella Maye Latham, R. E. Shrader, D. R. Carter, Miss Lena Solomon, Miss Theresa Pawelek, Miss Agnes Kolaja, Mrs. Clinton Myrick, Miss Jane Traweck, principal; Miss Annie Frank Stout, Mrs. Van Camp, Mrs. R. E. Shrader, Mrs. W. E. Sharp, Mrs. Sam Holloway, Mrs. Stacy Allen, G. R. Bode, principal; Miss Marion Cartwright, Mrs. Ed W. Dawson, Mrs. David Wright, Miss Frances Lolley, Mrs. Frank Wendt, Mrs. Roy F. Stockard, Mrs. A. J. Florey, Miss J. Emeline Glaspay, Miss Kathryn Anderson, Miss Myrtle Whitmire, Miss

Jean Smith, Miss Louise Rippey, Miss Helen Weisner, Mrs. Iris N. Bounds, principal, Mrs. Jack Hawkins, Miss Ora Lee Allen, Miss Annie Lee King, Mrs. Golden Donovan, Miss Christine Golladay, Miss Janis Wilkes.
Mr. K. E. Ambrose, Mrs. J. E. Delbridge, of the Home Service department of the Southern Ice & Utilities company, Jack Hawkins, G. N. Donovan, W. C. Myrick, W. W. Stuart, John Hudson, Mrs. B. Frank Haag, Mrs. John Howe, Mrs. Houston, and Miss Margaret Strickler, Rev. and Mrs. Leslie Boone, Rev. and Mrs. G. F. Brown, Mrs. Thos. D. Murphy, Miss Helen Byrnes, Rev. and Mrs. Howard Peters.

Mothers' Club Continues Study Of Women

Continuing the study of "The Woman Problem" members of the Mothers' Self Culture club met at the home of Mrs. Allen Tolbert Wednesday afternoon for a study on "Patriarchal Families Among the Hebrews, Greeks and Romans."

Roll call was answered by each woman quoting a Bible verse. Mrs. J. D. Young followed with a paper on "Women and Greece and Rome." Mrs. Kimbrough closed the study with a talk on "Women Among the Early Churchmen and Their Attitude Toward Women."

Two new members were added to the roll yesterday, Mrs. M. B. Robertson and Mrs. J. S. Schow.

Former Voice Teacher Here On Wedding Trip

Mr. and Mrs. Lewis Yates, who were married Sunday in McCaulay, were in Midland yesterday and this morning visiting friends. Mrs. Yates will be remembered as Miss Jessie Mathe Humphreys, who conducted a voice class here two years ago. The couple left today for Big Spring and Abilene before returning to McCaulay where they will make their home.

Mrs. Florence Richardson plans to leave the latter part of the week for a six weeks' visit with relatives in Oklahoma, Kansas, Nebraska and Illinois.

Best Upholstery for Furniture Is Tightly Woven

By WILLIAM H. BALDWIN
Author of "The Shopping Book"
Written for NEA Service

The best service in furniture covering may be expected from upholstery with tight, close weaves. The upholstery should have no loose threads which can be picked off. It is well to remember that any satin-faced fabric will give less satisfactory wear—though they may be desired nevertheless because of their appearance—than other weaves.

Selection of the proper upholstery usually looms as a major shopping problem, yet if sales clerks for interior decorators were given pertinent information regarding the prospective use of the upholstery they would be able to guide the shopper in making her choice. In this connection, it is advisable to come to the store with an open mind, instead of asking for a definite fabric or seeking a particular decorative effect.

Most people wait too long to furnish their homes. It is manifestly impossible for stores to give the best service around moving day. The housewife should know that to shop early is to shop well and comfortably.

TOMORROW: Curtains.

Mrs. Cragin Entertains Club With Novel Party

Entering at the back door and coming through to the reception suite where tallies were passed in kitchen utensils and tables covered with oil cloths, members of the Mid-Week club were guests of Mrs. S. B. Cragin at one of the cleverest parties of the season.

Adding to the pleasure of the afternoon guests were allowed to trump their partner's ace, and the first to receive this "privilege" was Mrs. Harvey Sloan who received as an award a toothpick holder. Favors were red bandana handkerchiefs which were worn as aprons.

High score favors went to Mrs. I. E. Daniel, club, who received a white frosted cake and Mrs. John Shipley, guest, who was given a chocolate cake. Mrs. W. E. Wallace received a salt shaker for holding low score and Mrs. J. L. Greene out high for a novel doll mop.

As honor guest, Mrs. C. W. Alcorn of Dallas was presented a set of tea towels.

At tea time refreshments were served buffet style from the dining table which was covered in colorful oil cloth.

Guests were Meses. R. L. York, A. C. Neal, George Wallace, I. E. Daniel, H. M. Bayer, W. L. Brown, R. J. Moore, Hugh Corrigan, J. L. Greene, Harvey Sloan, C. L. Jackson, W. E. Wallace, M. M. Meek, Tom Combs, J. A. Finlayson, C. W. Alcorn, John Shipley, George Abell, Joe Youngblood and M. C. Lucky.

Scharbauer Hotel Beauty Shoppe now open. Agnes Decker in charge. 165-3z

Walter Elkin Studio of wind instruments. Phone 228-W, 601 North Carizo. (adv.) 162-6p

Tomorrow's Birthdays in Midland

In Midland the following are to celebrate their birthdays tomorrow. Send them a greeting by phone, card, wire or by a visit.
Mr. D. E. Holster.

Mrs. Alridge Estes Hostess To Bridge Club

Laf-a-Lot club members who attended the party at the home of Mrs. Alridge Estes Wednesday afternoon were Meses. Spence Jowell, N. W. Bigham, B. C. Girdley, H. E. Dunagan, E. N. Snodgrass, F. C. Norwood and Bud Estes.

Score favor went to Mrs. Jowell and cut prize was given to Mrs. Bud Estes.

At tea time the hostess passed dainty party plates to her guests.

Mr. and Mrs. E. A. Tawson and daughters of Ft. Worth arrived yesterday for a visit with Mrs. Tawson's brother, Mr. Ed Cole, and family.

Mr. and Mrs. J. Allen Watts returned the early part of the week from a two weeks' vacation spent in Iowa, Kansas, and Oklahoma.

Guests in the home of Mr. and Mrs. W. N. Connell this week include Mr. and Mrs. W. N. Connell Jr., of Hollywood, California, and Mrs. C. C. Cowden and children of Abilene.

Mr. and Mrs. W. F. Fahrenheit, Mrs. E. E. Fehrenkamp, Miss Billie Mae Fahrenkamp, Miss Katie Boyce, of Big Spring, and Mrs. Goldsborough of El Paso visited Mrs. T. Paul Barron late Wednesday.

Local Housewives' Choice Recipes

A recipe that can not fail is the one that is offered to Midland housewives today. Mrs. J. A. Tuttle has baked apple sauce cakes numbers of times and the recipe which she follows is printed below.

Apple Sauce Cake
1 cup of lard
2 cups sugar
2 cups dried apples
2 level teaspoons soda
4 cups flour
2 cups raisins
1 cup pecans
1 teaspoon cinnamon
1 teaspoon all spice
1 teaspoon nutmeg

Mix the lard and sugar well and add apples into which have been dissolved the soda. Then add flour, raisins, nuts, and spices. Cook slowly for one hour.

Club Girl Attends A. & M. Course

Mattie Lee Moore

As an award for winning first place in first year club sewing, which consisted of an apron, cap and dresser scarf, I was given a trip to College Station in July to attend the Short Course.

When I learned I would get a trip I could hardly wait until time to start. There were so many things to do but I had plenty of assistance. Our party left Midland Saturday evening, arriving in College Station Sunday evening. Although I had ridden on a train several times before I was very small and could not remember much about it. But it was my first time to sleep in a berth.

We arrived in Ft. Worth Sunday morning and of course the first thing to do was eat breakfast. We

had to wait quite a while but it did not seem tiresome because there were many interesting things to see. I had not expected to see so many different kinds of scenery en route to A. & M. so my time was spent sitting at the window watching the changes in the scenes. Even though I had read about forests and rivers I found that they were larger and more beautiful than I had imagined.

After the long ride to College Station we were met at the station and directed to the dormitory where rooms were assigned and directions were given to the mess hall. The most interesting thing about going to our meals we found ourselves eating with 4000 delegates from the entire state.

Monday morning all of the club boys and girls met in chapel where election was held for a president and secretary and rules were given for the week's studies. Every morning we met in the

chapel for singing and pep rallies. During the day and evening lectures were given concerning various phases of our club work and we received so much valuable instruction that we help us throughout the year.

When we returned from the Friday night movie we hurried to pack our bags in readiness to start for home. Again our party waited in Ft. Worth and enjoyed a ride around Lake Worth and "window shopping" at the best stores in the city.

After a short rest when I reached home I recalled all the many incidents that had happened to me in such a short time. As a result of the trip I am proud that I am club girl and desire to increase me club work through the year.

Within the next few days we will have the new RINGLETTE machine in operation. Scharbauer Hotel Beauty Shoppe. 1653z

Personals

Mr. and Mrs. J. L. Crump are expected to return today or tomorrow from Ft. Worth where they have been since the first of the week.

Mr. and Mrs. Tom Carson of Washington, D. C. are expected to arrive in Midland the latter part of the week for a visit with Mr. and Mrs. H. N. Phillips.

Miss Lillian Dunaway, daughter of Mr. and Mrs. G. W. Dunaway, left Tuesday for Ft. Worth where she will attend the Texas Woman's college.

M. M. Seymour, manager of the Barrow Furniture company, made a business trip to Abilene Wednesday.

Mrs. Pansy Busby who underwent an appendicitis operation at the Midland hospital last week is reported rapidly improving.

Phone 807 for appointment for permanents at the Scharbauer Beauty Shoppe. 165-3z

Beautiful Women Use Mello-glo

Beauties who guard their complexions use MELLO-GLO Face Powder only. Famous for purity—its coloring matter is approved by the Government. The skin never looks pasty or flaky. It spreads more smoothly and produces a youthful bloom. Made by a new French process, MELLO-GLO Face Powder stays on longer. —Adv.

KONJOLA GAVE QUICK RELIEF TO THIS LADY

After Ten Year Illness, Relief Comes Promptly With Use of New Medicine.



MRS. W. C. NIEMANN

"I was troubled for ten years with indigestion and constipation," said Mrs. W. C. Niemann, a dairy farm owner of Southton, near San Antonio. "I bloated terribly after meals. Neuritis then attacked me and I suffered frightfully from this ailment. I was always taking something to relieve constipation but these measures brought only temporary relief. Food lay like a rock in my stomach and I was losing weight and strength."

"I read so much in the papers about Konjola that I decided to try it. I noticed a change in my condition almost at once. Gas pains were greatly relieved and my food was more easily digested. Constipation was much less troublesome and, in fact, my entire health improved amazingly. I shall continue taking Konjola and I heartily endorse it to everyone."

Given a real test over a six to eight week period, Konjola will do for you what it has done for untold thousands of men and women everywhere.

Konjola is sold in Midland at Mayes-Young Drug Store, and by all the best druggists in all towns throughout this entire section.

Demonstration Days

New Lower Prices

Come in and look at the merchandise first — then note the price—you will be convinced.

FRIDAY AND SATURDAY

are the first days of a merchandising campaign on Fall merchandise at NEW LOW PRICES.



RAYON BLOOMERS

The grade we have been selling at 98c. These are the best ones we have ever sold for—Pair—

59c



NEW SILKS

Prints and Plain Cloth New travel tweeds—the kind you have been paying \$2.45 and \$2.95 for. New Low Prices

\$1.95

SPECIAL

One-piece Black Satin Face Crepe. Yard—

98c



CURTAIN SPECIAL

Only six dozen to sell. 5-piece Bedroom curtains—Valance and tie backs—Six different patterns in marquisette, fine serim and volles. 2 pair for

\$1.00



STETSON HATS

Closing them out. Take your choice of the house at

\$3.85

LOOK THESE OVER

Cowden Overalls \$1.29

Hawk Brand Overalls 1.29

\$1.50 Khaki pants 1.19

Nettleton shoes 6.85

28" Outing, yd. .10

\$1.95 Wash Dresses 2 for 1.95

Good heavy Brown Domestic, yd. .10

Fairy Peracles, yd. .17

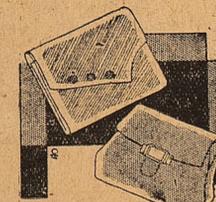
WE ARE NOW SHOWING

the very newest and a very complete line of ladies' COATS at prices from \$10.00 to \$20.00 under last season. You will be agreeably surprised as many have already been. TRICOL BROADCLOTHS and CREPE BROADCLOTH COATS with genuine high-grade furs at such low prices as

\$24.00 \$32.00

\$38.00

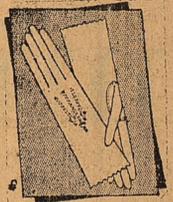
Black is the big favorite. A small deposit will hold any coat.



Silk and Leather Purses—Moires and Plain Crepes

New odd shapes and fastenings. Colors to harmonize with fall dress shades.

\$2.95 \$3.50 \$3.95



NEW FALL GLOVES

Slipon styles—Six button length. Washable suede in the wanted light shades.. Pair—

\$2.50

Imported Kid Gloves in fancy short cuff styles. Pair—

\$1.95

Gold Bond Stamp Savers, LOOK HERE!

Double value stamps given on all Friday and Saturday purchase.

Come in and let us demonstrate to you that our merchandise will please you in quality and at NEW LOW PRICES.

COME FRIDAY AND SATURDAY

HASSEN COMPANY

W. I. PRATT, Mgr.

Midland, Texas

Good tobaccos speak for themselves

better taste



ONE will always stand out!

THREE AMERICAN LEAGUE PITCHERS ON ALL-STAR MAJOR TEAM

Midland and Texon Teams Engage in "Battle of Wits"; To Meet Again

TRIO GIANTS MAKE INFIELD OF CLUB

EDITOR'S NOTE: This is the last of a series of three articles in which a jury of 10 baseball writers chose three all-star teams, one for the American League, one for the National and an all-star both leagues team, which is shown below:

| Big League All-Stars | |
|----------------------|----|
| Gehring, Tigers | 2b |
| Terry, Giants | 1b |
| Simmons, Athletics | lf |
| Wilson, Cubs | cf |
| Ruth, Yankees | rf |
| Cochrane, Athletics | c |
| Harnett, Cubs | c |
| Lindstrom, Giants | ss |
| Jackson, Giants | 3b |
| Ferrell, Indians | p |
| Grove, Athletics | p |
| Lyons, White Sox | p |

By WILLIAM BRAUCHER
NEA Service Sports Editor

An all-star team for the big leagues is shown above, an all-star team with a batting average of .360, and with three pitchers who altogether have won 71 games this year.

All the pitchers, selected by the jury of 10 baseball writers, are American Leaguers. A catcher is taken from each league.

The infield is National League, three to one, and the outfield is American League, two to one. Aside from the pitching, the division of spoils gives the National League a slight edge. Taking the whole team, pitchers and all, the American League predominates, seven to five. Leave out the pitchers and the National gets five places to the American League's four.

The 12 players named above are supposed to be the best ball players in the world at their positions. But the voting on several of the places showed opinions widely different. Simmons, Wilson, Cochrane and Ferrell were the only four chosen unanimously for their jobs. Babe Ruth got eight votes, Cuyler and Klein getting one apiece.

The contest at second base and third base was close. Gehring won at second with five votes; Frisch of the Cardinals was second with four, and Hughie Critz of the Giants got one.

At third Lindstrom was chosen over Pie Traynor, six to four. There was a wide difference of opinion about shortstop, too, Jackson getting four votes, while Joe Cronin of the Senators got three; Glenn Wright of the Robins, two, and

ALL-STAR OF THE BIG LEAGUES



ALL-STAR JURY
Baseball writers who selected NEA's All-Star big league team are:

Stuart Bell, Cleveland Press.
Daniel M. Daniel, New York Telegram.
Ralph Davis, Pittsburgh Press.
Bill Dooly, Philadelphia Record.
Kenneth E. Fry, Chicago Post.
Nick Flatley, Boston American.
Sam Greene, Detroit News.
Sid Keener, St. Louis Star.
John O'Rourke, Washington News.
Tom Swope, Cincinnati Post.

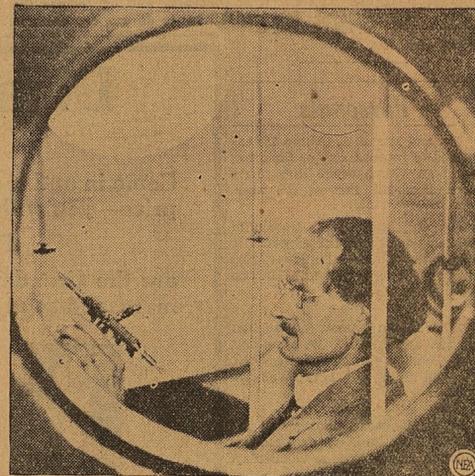
Charley Gelbert of the Carl: one. Nine of the writers named Bill Terry, the other vote going to Lou Gehrig of the Yanks.

Vote on Batterymen
Each writer was asked to name two catchers and three pitchers. Here is the result of the vote on catchers: Cochrane, 10; Harnett, 7; Jimmy Wilson of the Cardinals, 2; Shanty Hogan of the Giants, 1. And this is how the 10 writers voted on pitchers: Ferrell, 10; Grove, 9; Lyons, 5; Pat Malone of the Cubs, 2; George Earnshaw of the A's, 2; and Ray Kremer of the Pirates, 2.

The batting averages of the all-stars, according to recent averages, are: Terry, .407; Simmons, .385; Lindstrom, .367; Cochrane, .364; Ruth, .360; Harnett, .351; Wilson, .349; Jackson, .347; Gehring, .326. In the batting average as given above, Hack Wilson was placed in the clean-up role because the stocky little Cub center fielder leads both leagues in the matter of runs driven in, a habit in which he is most consistent.

Cronin Nosed Out
Joe Cronin was named at shortstop unanimously in the American League all-star team which appeared in this newspaper yesterday. In the National League team, printed the day before, Jackson was named by a close vote over Wright and Gelbert. However, when the writers who voted for Jackson in the National League team named

Adventures in Space



Housed inside a hermetically sealed gondola of a balloon, as pictured here, Professor Auguste Piccard, physicist of Brussels University, is to attempt to soar to a height of 52,500 feet above Augsburg, Germany, as soon as weather conditions permit. At this altitude, two miles greater than any ever reached by man, he and an assistant hope to obtain measurements of radio activity and the ionization of the air. A supply of oxygen will allow the scientists to breathe when their craft enters the rarified air.

their all-star team for both leagues, to dispute, of course, but when they stuck to Jackson, as against Cronin.

Gehrig was unanimously chosen as the best first baseman in the American League, but only one of the writers thought him better than Terry when the all-star for both leagues was chosen.

Bluege Left Out
The battle for third base was entirely a National League affair, between Lindstrom and Traynor. The American League third baseman was Ossie Bluege of the Senators, but he didn't receive a vote for the all-star.

The batting order, printed above, is the arbitrary arrangement of this writer. It is left open

the STANDINGS

| RESULTS YESTERDAY | | | |
|-------------------|-----|--------------|------|
| American League | | | |
| Washington | 7-6 | Cleveland | 13-4 |
| Philadelphia | 2 | Chicago | 4 |
| New York | 8 | St. Louis | 9 |
| Boston | 7 | Detroit | 9 |
| National League | | | |
| Pittsburgh | 12 | Philadelphia | 5 |
| Cincinnati | 3-6 | Boston | 6-4 |
| Chicago | 5 | New York | 2 |
| St. Louis | 5 | Brooklyn | 3 |
| LEAGUE STANDINGS | | | |
| American League | | | |
| Team | W. | L. | Pct. |
| Philadelphia | 98 | 48 | .671 |
| Washington | 90 | 55 | .621 |
| New York | 82 | 64 | .562 |
| Cleveland | 77 | 70 | .524 |
| Detroit | 72 | 74 | .513 |
| St. Louis | 61 | 86 | .415 |
| Chicago | 57 | 89 | .393 |
| Boston | 47 | 98 | .324 |
| National League | | | |
| Team | W. | L. | Pct. |
| St. Louis | 84 | 60 | .583 |
| Brooklyn | 84 | 62 | .572 |
| Chicago | 83 | 62 | .569 |
| New York | 79 | 66 | .545 |
| Pittsburgh | 75 | 69 | .521 |
| Boston | 68 | 75 | .463 |
| Cincinnati | 56 | 86 | .394 |
| Philadelphia | 50 | 95 | .345 |

BOOM WENT BOOM!
BELVIDERE, Ill., Sept. 18.—This town was all set for an oil boom recently when dreams of oil riches were rudely shattered. Out on the Henry farm "oil" seepage was discovered. Everyone's interest was aroused and the farm was the subject of many surveys. That was until the seepage was found to be drained from creosote on a near-by railroad bridge.

Trench Mouth Healed
Your friends dare not say so but your sore gums and foul breath don't make folks like you any better. LETOS PYORRHEA REMEDY heals worst cases if used as directed. It is not a mouth wash or paste, and it is sold on a money back guarantee. Maves-Young Drug Store. (Adv. 4)

SCORE IS 14-5 AT LAST COUNTING OF POINTS

In a stampe that included both clubs and left the referee to ride herd and the spectators to wisecrack, Midland won a special polo game from Texon Wednesday, 14-5.

The game was wild, not necessarily from a standpoint of hard hitting and riding, but from blind pursuit that caused horses to run together far from the ball and massed players to ride over the ball and crack each others' mallets rather than the sphere.

At one time during the "cock-eyed" afternoon both clubs rode over the ball, swept around and rode over it again and, not yet satisfied, made the itinerary include the "Gilpin" ride once more. During this time the bamboo root moved approximately 10 feet!

The game was important, however, in many respects. With San Angelo and Abilene and other towns that have been playing polo now actively engaged in doing everything but playing polo, it is interesting to know that there are two other clubs mixing it up at intervals.

Bill Lane, skipper of the Texon crew, said Wednesday that "Midland should stay over here until the first of the year and we will go to Midland for the remainder."

This was a humorous allusion to the large number of games Texon and Midland have played of late, and to the working out of the tournament at San Angelo during the West Texas exposition, which will feature Midland against Texon three games, as it now appears certain.

This change in plans for the much advertised six-club polo tournament came Wednesday when it

was learned that Abilene could not attend the tournament and that San Angelo's team had struck a rift of sorts and would not be a likely contender for honors. It was proposed that, in lieu of the tournament, Midland play Texon one game, but Lane of Texon secured a three-game series through talking with the management of the exposition.

Midland shipped 16 horses for Angelo at 8 o'clock this morning. Players to be carried are Myrl Jewell, Bum Cowden, Clay Floyd and Jay Floyd. Once in Angelo, Jimmy Woods, former Cowboy rider, will join the Top Hands.

It is likely that Monday, Wednesday and Friday will be the dates of the Midland-Texon play.

Myrl Jewell, at No. 1, scored four goals Wednesday; Cowboy Evans at No. 2, three; Bum Cowden at No. 3, three, and Clay Floyd at No. 4, four.

Nolke, Chaffin, Farrington, Griffith, Lane and Davis played for Texon.

There were eight chukkers of six minutes each played.

YAWN LOCKS JAWS
TOLEDO, Ohio, Sept. 18.—It was hot at the Ohio Hat Company here, and the heat induced drowsiness. One of the girl employes yawned behind her hand to hide it from the boss. So wide was the yawn that her jaws were locked and her employer found it necessary to call a physician to give her medical treatment.

BIBLE LANGUAGES
WASHINGTON, D. C., Sept. 18.—Spreading of the Gospel is still going on. Up until last year the Bible was printed in 833 languages. But in 1929 it was printed for a tribe of Eskimo converts to Christianity in Alaska, in the dialect of the Hopi Indians of the southwest, and in the language of an Indian tribe in Guatemala.

No More Stock After Sept. 29

This Date Marks the End of the Present Sale of Texas Electric Service Co. Preferred Stock

Several days ago we announced that we had only a limited number of shares of stock unsold and that we could accept subscriptions only with the understanding that orders would be filled so long as there was stock available for sale.

The volume of subscriptions now coming in clearly indicates that all the stock available at the present time will be sold by September 29.

Therefore, after this date and until such time as we may have more shares to offer, no further subscriptions can be accepted.

A. J. Duncan  Fort Worth

Cut out and mail to order stock or for complete information

A. J. DUNCAN,
Fort Worth, Texas.
(Mark X in meeting your requirements)

Please have your representative call to give further information.

I wish to subscribe for _____ shares Texas Electric Service Company \$6 Preferred Stock at price of \$100.00 and accrued dividend per share. Send bill to me showing exact amount due.

I wish to subscribe for _____ shares Texas Electric Service Company \$6 Preferred Stock on Easy Payment Plan of \$10 per share down and \$10 per share per month until \$100.00 and accrued dividend per share has been paid.

Please ship _____ shares Texas Electric Service Company \$6 Preferred Stock at \$100.00 and accrued dividend per share with draft attached through _____

Name of Your Bank _____
Name _____
Street _____
City _____

Buy your shares from any employe of the Texas Electric Service Company—they are the salesmen.

A resale department is maintained to assist and advise stockholders who may wish to sell their shares.

You can read
between the lines

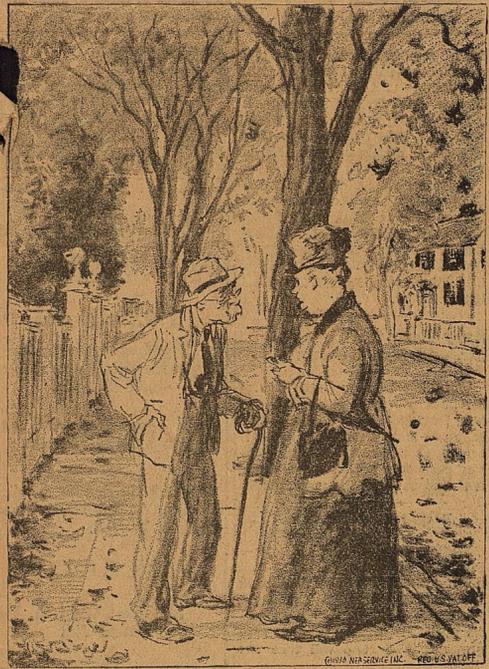
mild
(not strong or harsh)

better taste
(good tobaccos . . . skilful blending)



ONE will always stand out!

Side Glances by Clark



"Yes, Uncle Emery's laid up again. He dang near caught pneumonia sittin' out all summer trying to count the tourists' automobiles."

BOOTS AND HER BUDDIES

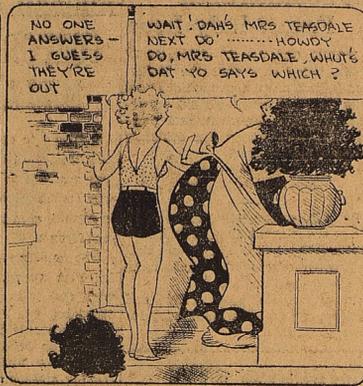


WASH TUBBS



Out-of-Door Girls!

By Martin



Irony of Fate

By Crane



Want Ads

CLASSIFIED ADVERTISING RATES AND INFORMATION

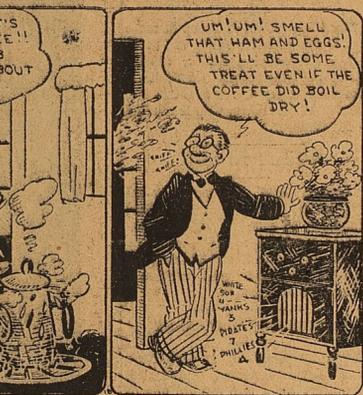
Cash must accompany all orders for classified ads. With a specified number of days for each to be inserted.

- 3. Furnished Apts. TWO-ROOM apartment. Couple only. 401 North Loraine. 168 3p

MOM'N POP

Some Chef

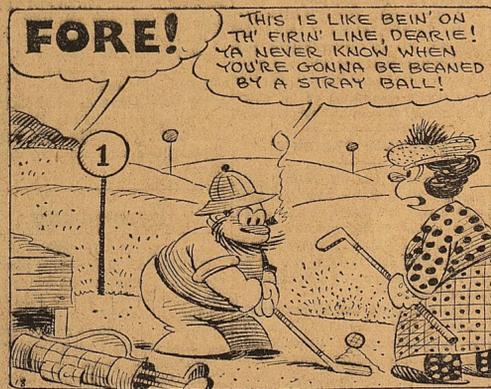
By Cowan



SALESMAN SAM

That's a Fair Way

By Small



Loet & Found

POCKET BOOK in Scharbauer Hotel Sunday afternoon. Reward, Pocket book contains very valuable papers. Jack Boone, Box 1471. 164-3p

For Sale or Trade

FIVE-ROOM brick veneer in Abilene for Midland property. Would consider land. Phone 473 after 5 o'clock. 161-6p

THREE rooms. Private bath. Close in. Screened porch. Reasonable. Phone 76. 501 North Main. 165-3p

MRS. EMILY KANNON Teacher of Piano, Theory and Harmony Group classes. Studio 606 W. III. Tel. 561

Dr. T. R. Wright Osteopathic & Medical Physician Licensed by Texas Board of Medical Examiners 311 Petroleum Bldg. Telephone 752

Political Announcements

Subject to action of the general election in November.

For District Judge: CHAS. L. KLAPPROTH (Re-election)

For County Judge: M. R. HILL (Re-election)

For County and District Clerk: SUSIE GRAVES NOBLE

For County Sheriff: A. C. FRANCOIS (Re-election)

For County Commissioner: Precinct No. 1 H. G. LEDFORD Precinct No. 2 L. M. ESTES Precinct No. 3 D. L. HUTT

For Congress, 16th Congressional District: R. E. THOMASON El Paso.

For County Attorney: T. D. KIMBROUGH (Re-election)

For County Treasurer: MARY L. QUINN (Re-election)

For Tax Assessor: NEAL D. STATON (Re-election)

For District Attorney: W. R. SMITH (Re-election)

For County Surveyor: R. T. BUCY

For Constable: Precinct No. 1 R. D. LEE (Re-election)

RUPTURE

Expert Here

C. F. Redlich, Minneapolis, Minn., nationally famous Rupture Appliance Expert, will demonstrate without charge his unequalled method at

Big Spring WEDNESDAY, SEPT. 24

at the Douglas Hotel from 10 A. M. to 4 P. M.

Dr. C. F. Redlich says: The "Perfect Retention Shields" hold the rupture perfectly, no matter what position the body assumes or how heavy a weight you lift. They give instant relief and contract the opening in a remarkably short time.

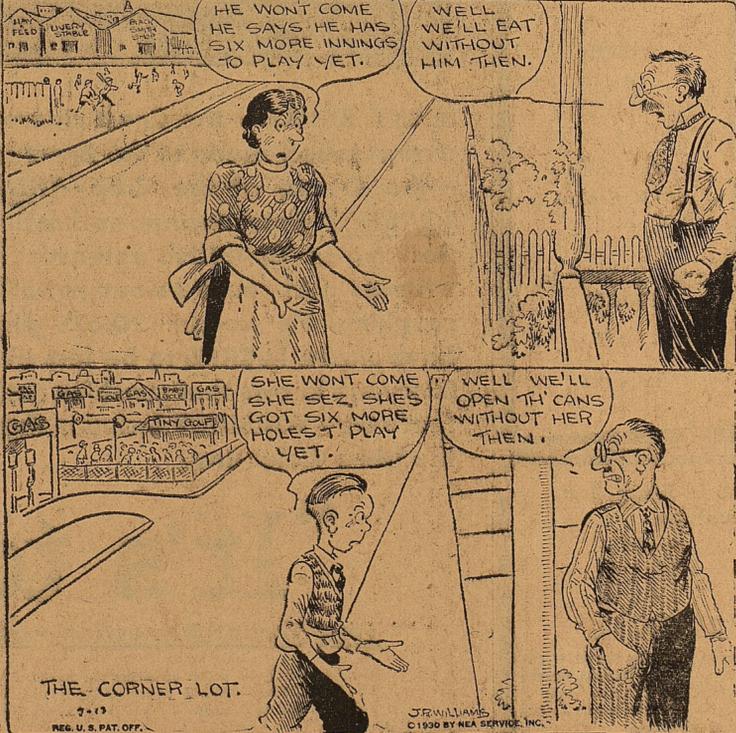
The secret of their success is in their simplicity. An expertly adjusted device seals the opening without discomfort or detention from work. It is practically everlasting, sanitary, comfortable and actually holds ruptures which heretofore were considered uncontrollable.

"IF YOU WANT TO HAVE IT DONE RIGHT—SEE REDLICH." Doctor J. W. Seaver, for many years in charge of the Physical Education of the students of Yale College, has recorded 75 per cent cures with this system.

Mr. Redlich is internationally known and speaks English, German and Spanish. HOME OFFICE: 555 Boston Block, Minneapolis, Minn.

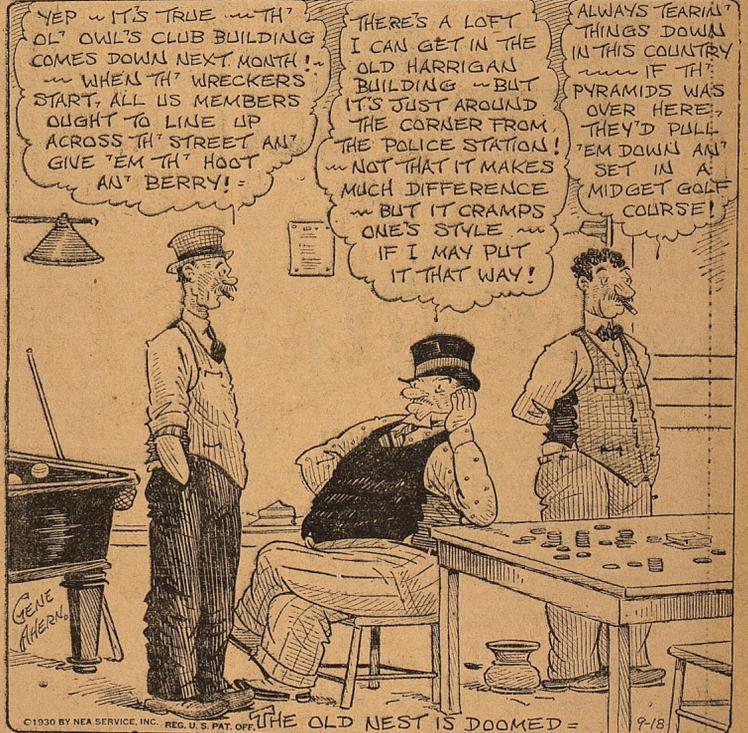
OUT OUR WAY

By Williams



OUR BOARDING HOUSE

By Ahern



REPUBLICANS SEEM OPTIMISTIC AT THEIR CHANCES OF WINNING TEXAS' COMING GUBERNATORIAL CAMPAIGN

By PAUL BOLTON
Associated Press Staff Writer
AUSTIN, Sept. 18. (P)—Dr. Geo. C. Butte, designated leader of the Republican party ticket in the November election, will return to Texas from Washington in the near future to launch his campaign for governor, according to party leaders.

The belief was expressed that Dr. Butte would experience no difficulty in obtaining a leave of absence from the solicitor's office of the U. S. attorney general's department to make the race, plans for which were laid at a conference of party leaders shortly after the republican state convention.

Participating in that conference were R. B. Brown, national committee chairman and acknowledged leader of Republicanism in the state; Orville Bullington, Wichita Falls, vice chairman of the state executive committee; Capt. F. T. Lucey, of Dallas, close friend of President Hoover and permanent chairman of the convention; and Henry Zweifel of Fort Worth, keynoter for the convention.

G. O. P. Chance
Republicans insist, both in public address and private conversation, that they have a chance to elect Dr. Butte governor over Ross S. Sterling, the democratic nominee. They openly count on splitting the democratic vote, through Dr. Butte's personal popularity, a platform of wide appeal, with votes of Ferguson supporters, and with votes of those who voted, not for Sterling, but against the Fergusons.

Dr. Butte polled 290,000 votes against Mrs. Miriam A. Ferguson in 1924, and in some quarters that might have been interpreted as alienating hope of Ferguson support this year. But the G. O. P. leaders say that Dr. Butte did not make personal attacks upon the Fergusons in that campaign and that the supporters will harbor no grudge against him.

Ferguson Planks In
Political acumen was apparent in the republican platform. At least seven of the planks bore a mark-

COUNTY OF MIDLAND, THE STATE OF TEXAS,

Notice is hereby given that the partnership lately subsisting between Garza, of Midland County, Texas, under the firm name and style of Automotive Grinding Company of Midland, Texas, was dissolved by mutual agreement and consent on the 3rd day of September, A. D. 1930. All debts owing to the said partnership are to be received by N. R. Garza, and all demands on the said partnership are to be presented to N. R. Garza for payment. The said W. W. Williams is not further bound or connected with said firm and will not be obligated for any future debts. The said Automotive Grinding Company of Midland will continue business as heretofore but the retiring partner W. W. Williams will have no interest or connection therewith.

Signed this 3rd day of September, A. D. 1930.
(Signed) N. R. Garza
W. W. Williams
Sept. 4-11-18-25, Oct. 2-9

Midland School--

iation in each subject taught, and never having lost affiliation in any subject taught. Schools in larger cities, having a greater number of units of affiliation, acquire their totals by teaching a greater number of subjects, such as German and French, mechanical training and others.

- The complete list of credits held by the Midland school is as follows:
- English 4 units
 - Ancient history 1 unit
 - Modern history 1 unit
 - English history 1 unit
 - American history 1 unit
 - Civics 1 unit
 - Economics 1-2 unit
 - Algebra 2 units
 - Plane geometry 1 unit
 - Solid geometry 1-2 unit
 - Trigonometry 1-2 unit
 - Latin 4 units
 - Spanish 3 units
 - General science 1 unit
 - Physiology 1-2 unit
 - Physical geography 1-2 unit
 - Biology 1 unit
 - Chemistry 1 unit
 - Physics 1 unit
 - Home economics 3 units
 - Home nursing 1-2 unit
 - Bookkeeping 1 unit
 - Stenography 1 unit
 - Commercial geography 1-2 unit
 - Commercial arithmetic 1-2 unit
 - Commercial law 1-2 unit
 - Typing 1-2 unit
 - Public speaking 1 unit
 - Public school music 1 unit

C. L. Stephens is expected to return today from Ft. Worth where he has been transacting business for several days.

Many New Families Are Moving Here

A new building program will be necessitated in Midland soon if the people continue coming here at the present rate. Many oil field families have moved here for the schools, and many new people have come because of indicated new development in Ector and Andrews counties. Construction of new houses and apartments will be necessary soon if the influx of people continues. New oil companies are moving to Midland to save auto expense and time of their men, as every field in the Permian basin of West Texas and Eastern New Mexico is within from 45 minutes to three and a half hours of Midland.

FT. WORTH TAKES FIRST GAME FROM MEMPHIS CHICKS

MEMPHIS, Tenn., Sept. 18. (P)—The Fort Worth Panthers, winners of four Dixie series pennants, showed some 7,000 howling fans how to score three runs on no hits and took the first game of the series, 4 to 3, from the champion Chicks of the Southern Association Wednesday.

The Cats bore the Texas league standard in the inaugural of the tenth Dixie title battle. Doc Prothro's team, seeking to avenge two previous Dixie pennants won from them by Fort Worth, got everything but runs while the Cats, in the wild eighth, scored three runs on two walks and two errors.

The Chicks took a one run lead in the second, yielded a tie score in the fifth, and went into the lead in their half of the same inning, 3 to 2. Then came the eighth and gloom for Memphis. Beck walked Moore and Mallon, first two up. Beck threw Bonowitz's bunt to third when there was no one there and Moore and Mallon scored. Then McDaniel, Chick first baseman, dropped a throw and Bonowitz went first to second, and then across the pan on a sacrifice fly. Both teams went out in short order in the final inning.

Dick McCabe, Manager Snyder's first nomination for mound duty, gave up seven hits to Beck's six. Four victories take the pennant. The second game will be played today. Friday will be an idle day.

CONSTANCE BENNETT TRIUMPHS IN "COMMON CLAY"

Versatility is the secret of success in pictures, according to Constance Bennett, screen celebrity who will be seen and heard today at the Ritz Theatre in "Common Clay." "A player who specializes in one particular type of role," says Miss Bennett, "never can attain the heights possible to one who can portray various characters convincingly. The public soon tires of an actor who merely repeats a previous role."

TO START GRINDING

Charles Holzgraf will begin grinding operation at his new feed mill just across the track south from Front street, Friday morning. He has installed a modern mill and expects to mix feed as well as grind, just as soon as a new patent mixer arrives. The new plant will be completely installed within 30 days, it is believed. It will then grind 1000 pounds of mixed feed an hour. Any kind of mixed feed the customer should want can be manufactured within a comparatively short time.

Personals

- J. J. Kerby made a business trip to Odessa yesterday afternoon.
- Mr. and Mrs. John F. Cox came to Midland this morning from Stanton to transact business.
- Mrs. C. W. Alcorn of Dallas is visiting in the home of her sister, Mrs. S. B. Cragin, and her mother, Mrs. Florence Richardson.
- The Rev. and Mrs. Howard Peters have returned from a visit with friends in San Angelo. Mr. Peters read the marriage ceremony for Miss Margaret Wade Harris and Mr. Charles B. Faught of San Angelo while on the visit.
- Mrs. Dodd Price of San Angelo is in Midland visiting her mother, Mrs. Ed Erickson, and her sister, Mrs. C. W. Post.

No Solution Seen France-Italy Issue

ROME, Sep. 18. (P)—Giornale D'Italia today says that the Italian and French naval conversations "not only were not concluded but apparently were not anywhere near solution." The statement was evidently government inspired.

EDITOR RESIGNS

Scott Robertson, who has been editor of the Stanton Reporter for several months, has resigned from that newspaper and accepted editorship of a Newcastle weekly.

Robertson, his wife, baby and mother, left Stanton Wednesday for his new position.

ENTERPRISE WINS ANOTHER WHEN A SAIL FALLS DOWN

U. S. S. KANE, Off America's Cup Course, Sept. 18. (P)—(By radio to the Associated Press)—The American defender, Enterprise, crossed the finish line at 2:33:59, scoring a hollow victory in the third of the series of yacht races for the America's cup.

The Enterprise continued her course after the Shamrock had parted her main halyard and was out of the race. There appeared to be no chance of effecting immediate repairs on the Shamrock.

Most of the spectator fleet, which had continued with the Enterprise, came racing back as the Shamrock headed for home and joined the mournful procession to Newport.

NEW SCOUTMASTER

When boy scouts of Troop 51 meet at 6:30 this afternoon they will greet a new scoutmaster, Arthur Clarke. Clarke recently joined the Midland Hardware company. He takes the place of W. E. Sharp, who is moving from Midland.

WASAFF TO TALK

Thirteen and fourteen-year-old boys of the Baptist Sunday school will listen to Sam K. Wasaff Sunday as he talks to them of "The Christ and Patriotism." Wasaff will mention incidents that happened during the World war.

TEACHERS GOLF PARTY

Midland teachers will drop their ferules Saturday afternoon and grab up putters for a trip around one of the miniature golf courses here.

George Payne is giving a party for "all women teachers in the city schools," he said. Payne and Dr. T. R. Wright will give two prizes, one to the low and the other to the high score. Play is to begin at 5:30.

Elephants are worth from \$2,500 to \$5,000, the value depending mainly on whether they hail from India or Africa. The Indian elephant is always the most expensive.

Errorgrams

- (1) The door of the upper plane is open and hinged on the wrong side.
- (2) There should be no axle connecting the wheels in this type of plane.
- (3) The wheels do not match.
- (4) The refueling plane should be above and not below the endurance plane.
- (5) The scrambled word is ENDURANCE.

VOICE and EXPRESSION

Resident Studio
409 N. Carrizo
MRS. MARION F. PETERS
Teacher
Phone 756J.

Southland Greyhound Lines, Inc Daily Schedules

| East Bound | West Bound |
|-------------|-------------|
| 10:55 A. M. | 10:50 A. M. |
| 1:55 P. M. | 2:40 P. M. |
| 6:40 P. M. | 6:35 P. M. |

The schedule for Fort Worth and East—1:10 A. M. The schedule to El Paso and West—3:35 A. M. Connections west to El Paso and Los Angeles, East to Fort Worth, Dallas, North out of Pecos to Carlsbad, Carlsbad Caverns, Roswell and Denver. North to Lamesa, Lubbock and Amarillo. South to San Angelo and San Antonio. Special buses everywhere at any time. Ten per cent discount on round trip tickets.

AIRMAIL CONTRACT LET TO AVIATION CORPORATION AND SAFEWAY AIRLINE; MIDLAND HOPES TO GET ONE OF STOPS

Contract to carry air mail on the new Atlanta to Los Angeles route was awarded to the Aviation-Safety combination, it was announced in Washington by Postmaster General Brown.

The route is via Birmingham, Dallas, Fort Worth, El Paso and points west. One intermediate stop is provided between Fort Worth and El Paso, probably to be either at Big Spring or Midland, but Abilene, Sweetwater and other points are seeking a second stop.

Start in 30 Days
The Atlanta to Los Angeles contract specified that service should start within 30 days, and that the government would pay 40 cents a mile for the transmission of mail up to 225 pounds, with provision for "an appropriate charge of rate" in the event this poundage figure was exceeded.

For the present, the postmaster general announced, the schedule for night flying would be worked out when the route had been lighted. The contract specified that the mail be carried "From Atlanta via Birmingham, Dallas, Fort Worth, El Paso and such points in New Mex-

Hughes Plant--

Continued from page 1)

ber of commerce preparations and reception committees charged with conducting visitors through the Hughes plant Friday morning: A. S. Legg, James Noland, Allen Walters, W. F. Hejl, Fred Wemple, Allen Tolbert, G. W. Sundquist, Lynn Butler and Cecil Rockwell.

The afternoon committee includes: B. Frank Haag, O. C. Harper, D. E. Carter, Charles Culp, Jack Hazlett, C. A. McClintic, C. L. Jackson, N. R. Garza, F. H. Day, Chalk Brown, Homer Epley, R. M. Ellis, I. M. Edmondson, John P. Howe and Henry Butler.

Baby Born to Mr. and Mrs. Roberts
Word has been received here of the birth of a baby girl to Mr. and Mrs. Cecil Roberts of Midland. The baby was born Wednesday, September 10, at the home of Mrs. Roberts' parents in Rotan. Mary Francis is the name given the new arrival.

RUBIO ON INSPECTION

MEXICO CITY, Sept. 18. (P)—President Ortiz Rubio will visit northern Mexico states next week including some of the border points. The object of the inspection was announced for irrigation and road projects. The trip will take two weeks.

The Hessian fly causes more than \$100,000,000 in losses to grain in the United States every year.

CROUP
Spasmodic Croup is frequently relieved by one application
VICK'S VAPOR
OVER 17 MILLION JARS USED YEARLY

Bill Roller
Shop Foreman.
20 years in Midland.

Henry Horst
15 years a mechanic.
3 years with Automotive Grinding Co.

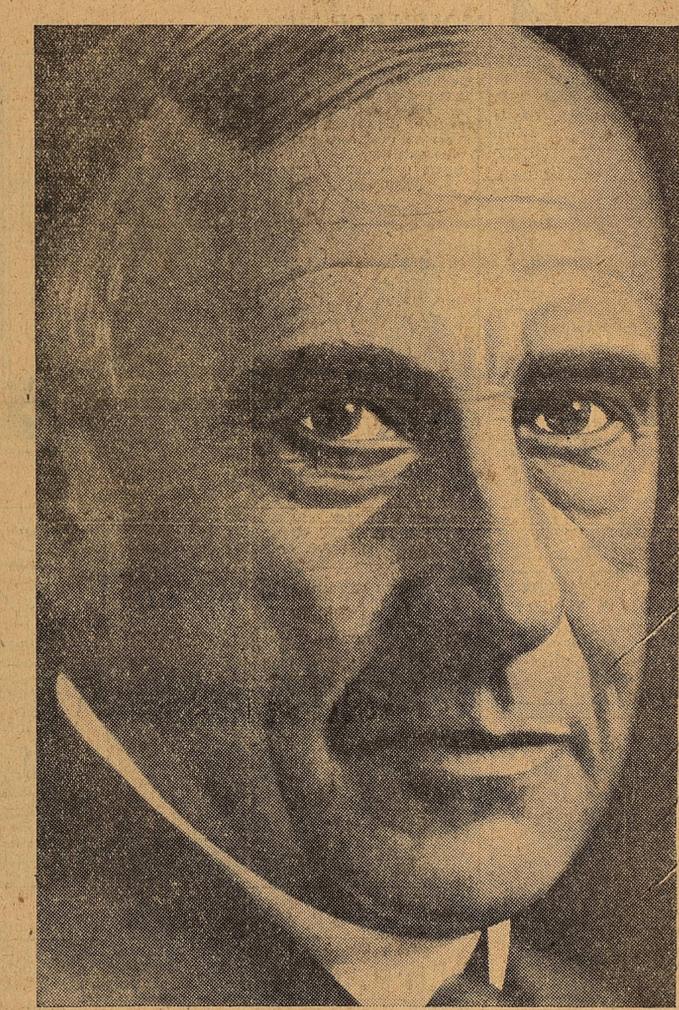
Only competent and experienced workmen.

The only complete service station between El Paso and Ft. Worth.

VANCE & COX

223 East Wall St.
Phone 702

"A SIGNIFICANT EXAMPLE"



Says
SAMUEL HARDEN CHURCH
President of the Carnegie Institute

—that great enterprise founded by Andrew Carnegie at Pittsburgh for the promotion of art, science and literature. Known throughout the world as a student of current problems.

Chairman of the Board Carnegie Institute of Technology, Director American National Theatre.

Member American Mission to Morocco 1923. Officer of Legion of Honor (France).

"Perhaps the most vital influence in the American business world in recent years has been the tendency of industrial leaders to join hands with science. No more significant example of this trend exists than your modern use of the Ultra Violet Ray in the 'Toasting' of the LUCKY STRIKE tobaccos. The great success of your experiments demonstrates the wisdom of this union between business and science."

Samuel Harden Church



LUCKY STRIKE — the finest cigarette you ever smoked, made of the finest tobaccos — the Cream of the Crop — THEN — "IT'S TOASTED." Everyone knows that heat purifies and so TOASTING removes harmful irritants that cause throat irritation and coughing. No wonder 20,679 physicians have stated LUCKIES to be less irritating! Everyone knows that sunshine mellows — that's why TOASTING includes the use of the Ultra Violet Ray.

"It's toasted"

Your Throat Protection — against irritation — against cough

Consistent with its policy of laying the facts before the public, The American Tobacco Company has invited Mr. Samuel Harden Church to review the reports of the distinguished men who have witnessed LUCKY STRIKE'S famous Toasting Process. The statement of Mr. Church appears on this page.

RITZ TODAY and Fri.
COOLEST SPOT IN TOWN!
AS VITAL AS HUMAN SOULS!
Harvard Prize Play by Cleves Kinkead
"COMMON CLAY"
MOST POWERFUL CLASH OF HUMAN EMOTIONS EVER WITNESSED!
Is there a double standard? Are men permitted to break every rule of social standards and still be honorable? If a woman makes one mis-step is she forever condemned? Come and see the mightiest drama of love and sacrifice—sorrow and pleasure ever witnessed. A woman's fight for a woman's right—fought to the bitter end. Does she win?
Also
100% Dialogue
"THE RICH UNCLE"
All Talking Comedy Riot.
Regular prices.

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