



# 'Big Names' Bring Campaign To Texas

By DAVE CHEAVENS  
Associated Press Staff

Hollywood stars, big name politicians, diners at \$100 a plate and television appeals will carry the "Adlai or Ike?" message to Texas voters this week.

While the Democrats open their intensive three-week vote drive Tuesday with a concentration of party congressional leaders, Republicans said they hoped soon to be able to say President Eisenhower would come to Texas to campaign.

Thus far, there has been no sign that Adlai Stevenson personally would head up the Democratic drive for the state's 24 electoral votes.

Republican Committeeman Jack Porter said Saturday he was "most hopeful and confident" that Eisenhower would include Texas

on his campaign itinerary. He has just returned from Washington.

The Democrats get their big political guns into action Tuesday at Abilene where 200 persons already have paid \$100 each in a self-out fund raising dinner with Sen. Stuart Symington of Missouri the speaker.

Others to appear at Abilene are Sen. Lyndon Johnson, Speaker Sam Rayburn and Gov-nominatee Price Daniel.

Thursday at Lockhart, Johnson and Rayburn will headline a \$5 a plate barbecue and rally.

Hollywood people get into the campaign picture through a series of "Womanpower for Eisenhower" organization meetings.

George Sandlin, co-chairman of the Democrats for Eisenhower drive, said starting rallies in this phase of the campaign will be at Houston and San Antonio Tuesday and Fort Worth Wednesday. Irene Dunne, Jeanette Macdonald, John Wayne, Gene Raymond, and Ward Bond were among the Hollywood players who will take part.

Gov. Shivers will return from hunting in Alaska in time to attend the Fort Worth rally, Sandlin said.

Sandlin said organization of the state has been completed, with these regional directors: Dallas, Hugh Prather; Fort Worth, George Parker; Tyler, Carroll Swearingen; Beaumont, W. H. Stewart; Houston, Jack Simmons; El Paso, Jack Brewster; Lubbock, Dr. Charles Finley; and Austin, Mike Butler.

Republican headquarters at Houston said Eisenhower birthday dinners are planned in at least 50 Texas cities and towns, many of them Sunday.

The Democrats for Eisenhower chairman, W. E. Smith, started the birthday celebrations with a statewide radio network speech Saturday. He said hot tempers and strong words of a political campaign cannot erase the fact that "nearly everybody likes Ike."

"As president, he has led the United States out of another war—the bloody stalemate of Korea—and into an era of peacetime prosperity," Smith said. "He has given the American people an administration in which they have pride and confidence."

## Big Springers Paying Taxes At Faster Rate

Citizens are paying their annual city taxes at a heavier rate this year than last. Through the first two weeks of collections, revenue amounted to over \$10,000 more than the same period of 1955.

Figures through Friday night showed \$50,775.25 had come in. An additional \$3,300 was paid Saturday.

The first 12 days of October, 1955, brought \$39,372.57. Friday's collection report showed \$2,872.45 came in during the day.

Property owners who pay during October receive three per cent discount, and a two per cent credit comes with November collections.

A long line of county residents were in the lobby and in the hall at the office of the Howard County Tax assessor-collector Saturday morning.

Mrs. Viola Robinson, tax collector, said that although the office would be closed at noon Saturday, she anticipated a heavy day's collection in 1955 taxes.

County taxes have technically been payable for only two days. Statements were delayed in preparation and the taxrolls were finished only a short time ago.

First two days collections of county taxes, Mrs. Robinson said, had exceeded \$16,000. This total for the first two days is well above the average for other recent years.

## Put His Foot In It

With his foot stuck fast in a backyard drain pipe, Danny Hiebert, 3, hangs on tight to his mother's hands as a neighbor, Ernie Beattie, left, and fireman Fred Kniessel work to free him. Danny was trapped for an hour before he was released in Long Beach, Calif. (AP Wirephoto.)



Put His Foot In It

## Clerk Preparing For Start Of Absentee Voting Oct. 17

Proofs of the Howard County ballots for use in the Nov. 6 election have been received, checked and returned to the printer. The proof was returned a week ago and the office of Pauline Petty, county clerk, is expecting its supply of ballots early this week.

If the ballots are delivered on time, machinery for absentee voting will be set up to begin on Oct. 17. Election supplies, other than the ballots, are already on hand and the printer has assured the office that the printing of the ballots will be speeded.

The law specifies that absentee voting should start on Oct. 17. It will continue to within three days of the election.

Any citizen of the county, who is a qualified elector, and who cannot go to the polls on Nov. 6 for reason of absence from the county, illness or other cause, is privileged to ballot absentee.

As usual, each application for an absentee ballot must be accompanied by a statement certifying the reason the voter cannot vote in the Nov. 6 election at his regular precinct.

Records show that absentee balloting in Howard County is always heavy. It is anticipated that the number of such votes to be cast this fall will probably be even larger than has been the case at recent elections.

## Choraleers Try For Spot On Lawrence Welk Show

Favorable consideration of a tape recording, which the Webb AFB Choraleers have just sent to Lawrence Welk in California, may result in a personal appearance for the chorus on his nation-wide television program.

The singers earned this chance to appear on the program when they won first place honors in the Flying Training Air Force competition and the Heart of Texas Talent Show which was held recently in Waco.

Following the FTAF win, the choir received a \$50 prize, and their recording was forwarded to Air Training Command at Scott AFB, Ill., for further competition. If they win in ATC, the recording will then be forwarded to headquarters, USAF.

During this fall season, the choir has sung concerts for the First Methodist Church in Big Spring, the First Methodist Church in Colorado City, and the Big Spring High School.

The group is now planning to fly to Dallas the weekend of Oct. 20 to appear several times at the Texas State Fair and to sing programs in several large Dallas churches.

Future plans for the Webb Choraleers include a Christmas concert and participation in presentation of Handel's Messiah, this performance to include the Choraleers, the Howard County Junior College choir, and the choir of the First Methodist Church of Big Spring.

The choir, through sponsorship by the base, is a volunteer group which practices one night a week on off-duty time. Lt. Charles H. Webb Jr., personnel services officer, is the conductor.

The Webb Air Force Base Choraleers were formed during September, 1955. The choir is composed primarily of student officers whose intensive jet-pilot program leaves them little time for practice. This makes their fine showing in competition even more remarkable.

## T-33 Changes Due Completion By Christmas

"Home by Christmas" is the new theme-song of the 47 specialists of the land-air corps, currently at Webb on the big T-33 modification project.

Vic Mireider, Land-Air's supervisor, said that 83 of the 150 "T-Birds" had been equipped with new navigational aids, and that the seven "now working" would be completed by the end of the week. This would leave 61.

Mireider figures that at seven completions a week, the men will wind up the big job just before Christmas.

The modification of the T-33 navigational systems, is by far the biggest that has ever been attempted at the base. It involved the removal of all armament-nose gun and ammunition boxes.

Instrument panels and sub panels were removed, along with miles of intricate wiring. The panels were made to accommodate the new instruments. Canopies were removed and the antennae bonded to the crown. All hydraulic equipment intended for the operation of the armament was removed.

Among those whose cooperation helped to maintain an uninterrupted schedule were Lt. F. C. Canes, project officer; M-Sgt. Glen Butler, Luther Ingram and Dave Gotsell.

The Land-Air crews are working in two shifts. Mireider heads the day shift and Merrill Cassatt the night shift.

## Water Consumption Is Continuing High

Average daily water consumption in Big Spring continued to top five million gallons through 12 days in October. This rate through 31 days would throw the month's usage for the city over 160 million.

The 12-day total was 63,102,000 gallons, or a daily average of 5,258,500 gallons. Thursday's total was 4,540,000 gallons and it was 4,138,000 gallons Friday.

The estimate made in March in preparing the budget for the fiscal year was 120,000,000 gallons.

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## Dawson Hospital Site Is Purchased

LAMESA, Oct. 13 — Dawson County officials Friday afternoon executed a purchase agreement with J. R. Weaver for a site for the proposed county-financed hospital here.

The eight-acre site is north of North 15th Street and west of Bryan Avenue, just outside the city limits. Included in the purchase contract is a clause that Weaver, or his estate, have the right of first refusal on any portion of the land ever declared surplus for hospital purposes; and designated drilling sites away from the hospital grounds. Weaver retained all mineral rights to the land, which sold for \$16,000.

Three members of the hospital committee, Henry Norris, chairman, Dr. Noble H. Price and W. J. Beckham, appeared before the commissioners court here Thursday to request the purchase of the site out of funds other than those derived from sale of bonds, there-

by giving the county \$32,000 more to spend on the hospital. The county has secured approval of Hill-Burton Funds for the hospital, but the funds are not available for use in the purchase of a site. While the commissioners did not promise to purchase the site from county funds, they did agree to take it under advisement.

The committee requested information as to the money spent from bond funds to date. County Judge Aubrey Boswell reported that \$3,600 has been expended for bond election proceedings and bond sale bid fee.

The committee also asked that the court consider only a 60-bed hospital in taking bids, and that the architect be instructed to design a 60-bed hospital, first class, to be submitted to contractors. The court agreed that this should be done, and that they believed funds were sufficient for such a project.

## Issuance Of Bonds Is Involved Task

A mass of routine work must be cleared out of the way, Lee Porter, auditor, pointed out, before the \$500,000 Howard County airport bonds can be delivered to the Columbian Securities Company and before that buyer can hand the Howard County Commissioners court its check for half a million dollars.

Now that the formality of selling the bonds to the Columbian group has been completed, the next step is to get the bonds printed. After they are printed they must be signed by a number of officials of the county. Then the issue has to be submitted, with a complete record of all steps taken in authorizing the election at which they were approved, and the result of the election. The method of selling and the

sale itself must be submitted with the bonds to the state officials in Austin. When this record is studied and approved the state comptroller must sign the bonds.

They will then be delivered to the county again, or to its designated agent, and will be ready for surrender to the buyer. The buyer will accept the issue and in his turn hand the county his check for \$500,000.

Then, and then only will the funds for the construction of the county airport be available and spendable.

There was no guess on the part of officials on just how long all of these routine steps will take to complete. It was said that every effort to speed the process is being made in order to clear the way for the start on the new airport.

### MAHON SAYS

## Cotton Allotments Favor W. Texas

West Texas farmers in general, and cotton farmers in particular, are waiting further elaboration on the Agricultural Department's program for acreage allotment in 1957.

Initial reports released Friday by Rep. George Mahon, Lubbock, indicated that the decision was particularly favorable for the growers in this part of the state. He regarded a decision made in Washington and affirmed by the State Agricultural Stabilization and Conservation Committee at College Station as a decided victory for West Texas over other sections of Texas.

Mahon reported that the 1957 cotton acreage allotment retained for West Texas growers not less than 99 per cent of their 1956 acreage total.

Mahon said he did not have total Texas figures, but that he understood the TASC had withheld 6 1/2 per cent of the total acreage for allotment in hardship cases.

Farmers in the old cotton belt of Texas have contended they are losing acreage allotments to new producers of the crop—mostly in West Texas.

In Washington, the Associated Press reported that the Agriculture Department had released rules Friday providing a minimum cot-

ton acreage allotment in 1957 of four acres, or the largest acreage a farmer planted to cotton in the past if he planted less than four acres. This new regulation put into effect an amendment to the Agricultural Adjustment Act adopted by Congress last fall. There was no minimum size to allotments on the 1955 and 1956 crops.

It was also said that Washington has announced that to help effect a proper distribution of cotton acreage allotments with a state the new regulations limit state committees to two per cent of a total state allotment for other uses than for small farms.

Congress had provided that a state committee may set aside not to exceed 10 per cent of its total state allotments for meeting such special cases as hardship cases and new farms. Thus, it was said, a state committee setting aside the full 10 per cent of its state allotment for reserves, could use 8 per cent of the state total for allocation to small farms.

Washington reported that the regulation made a specific exception in the case of Texas, where the state committee can use up to 2 1/2 per cent of its state acreage allotment for uses other than small farms.



### Uncle Ray:

## Solid Moon Hides Stars Behind It

By RAMON COFFMAN

Recently we had in this column a letter from a woman who said she remembered seeing a "star inside a crescent" about 38 or 40 years ago. I also spoke of a later, but similar, sight which many persons believed they saw in 1944.

A Texas man wrote to me about the second event, and a photograph was printed in a different city of his own state the next morning. The photograph showed that the so-called "star" (really the planet Venus) had been just outside the crescent.

Without a photograph, an astronomer could tell that there had been an optical illusion. The moon is a solid object, and it is a complete sphere at all times. It is as round as a ball whether we see it as a crescent, a half moon or a full moon.

Planets and stars are many times as far away as the moon. Last month Mars came "close" to the earth, but even so it was

145 times as far from us as the moon.

There are times when the planet Venus comes within 26 million miles of us. Then it is 105 times the average distance of the moon from the earth.

It has been a long time since the Turks adopted a star inside a crescent as the emblem of their nation. This figure has been popular in jewelry.

Regardless of the Turkish emblem, a true star never could appear inside the crescent of the moon, and neither could a planet. True stars are trillions of times as far from the earth as the moon.

As an asteroid might appear on the near side of the moon. In that case it could be mistaken for a planet or a star. In the history of astronomy, however, I have not found any record of an asteroid which appeared inside the moon's crescent.

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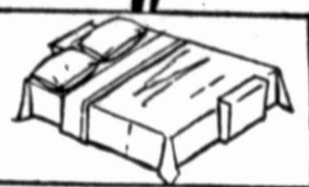
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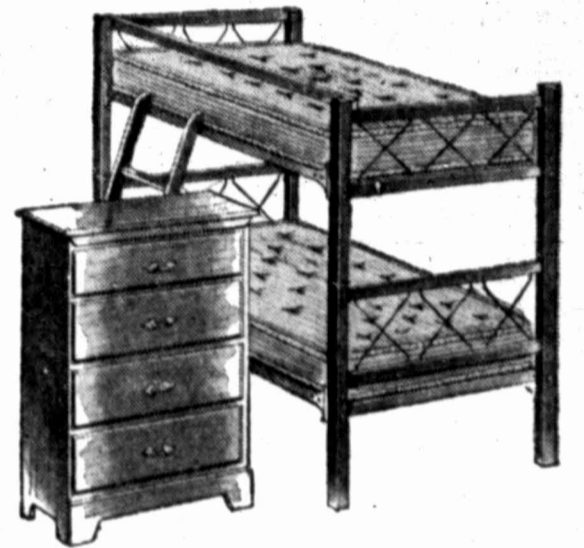


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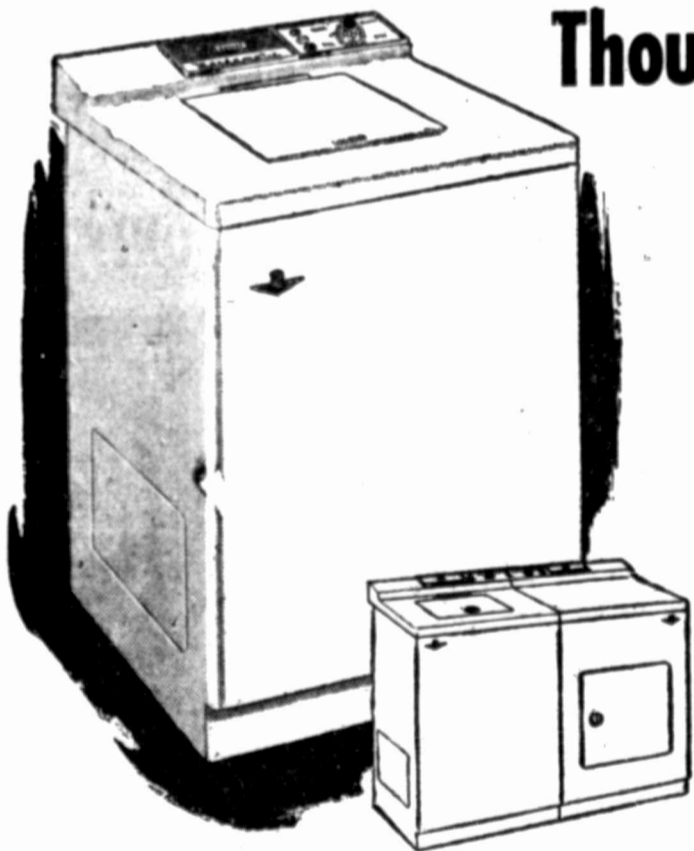
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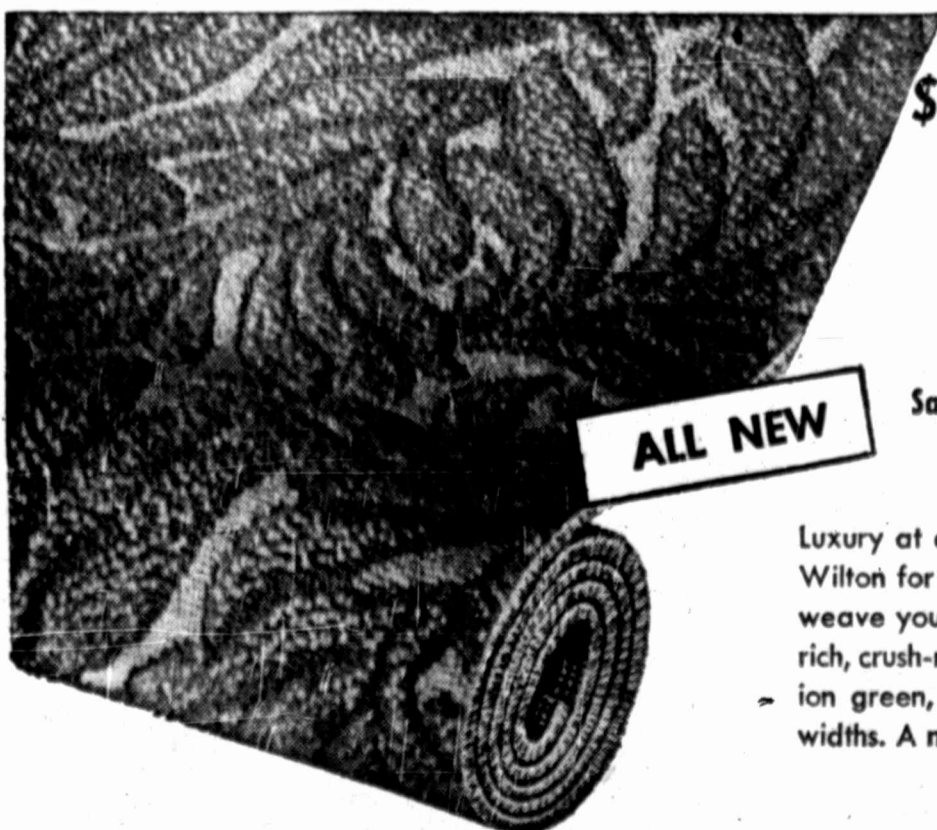
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# County To Close Contract For Surfacing Moore Road

Howard County Commissioners Court will award contract for completion of the Moore road at its meeting Monday.

Bids will be considered for a double course surface treatment on this 5-mile strip of county highway which served the Moore community. The road passes through the old Moore district, proceeding 4 miles west and a mile north. County road crews have completed work on the road down to the point where surface treatment is the next step. The road has an 80-

foot right-of-way, and a 20-foot paved surface.

Contractors bidding are asked to start work on Oct. 29 and time allotted for completion of the work is two weeks.

Walter Parks, county engineer, said that the cost of surfacing roads the county has been building this year similar to the Moore project have averaged around \$2,000 per mile. It is believed that the contract will be awarded for around \$10,000 or less.

Parks said that if weather permits the Moore highway should be completed by the middle of November. When it is finished it will bring to 45 miles the total roads constructed by the county in 1956.

A two-mile strip was built at Vincent; a mile at Coahoma; two miles at Fairview and 5 miles on the Wasson road.

# Two Fined For Stadium Fight

Two men did not get to see the finish of the Lamesa-Big Spring game Friday night—they were fighting and were arrested.

The same two men did see the corporation judge Saturday morning, they saw the court clerk about fines, also.

One of the men was fined \$100 and the other \$75. They were charged with affray, drunkenness, and consuming alcoholic beverages in a public place—the football stadium.

It was the second straight time that fights had developed at ball games here.

Easements are being completed for 2 1/4 miles road in the Forsan community, Parks said. County crews are waiting for the completion of these before moving to the job. All engineering and other preliminary details have been worked out. Surveys on the job are completed.

It had been planned to build 20 miles of county roads during 1956. If weather permits the completion of the Moore road in scheduled time and the Forsan job can be started soon, Parks said that by end of the year, the goal would be

# Young Thieves Get Reprimand

Four boys, ranging in age from 15 to 16 years, who admitted stealing an automobile engine from a local business establishment, were before R. H. Weaver, juvenile judge, Saturday morning.

The boys told the court they took the engine, which was in process of being installed in a car chassis, and concealed it near the residence of one of the four.

Two of the boys had been before the juvenile court on other occasions for offenses. Two had no previous record in the court.

Weaver sternly reprimanded the four and then released them to their parents. Any further breach of the law, no matter how minor, he told the quartet, will send them on their way to the reformatory.

The engine, according to A. E. Long, juvenile officer, has been returned to its owner. It was not damaged although it had been hidden for some weeks.



Elvis Served With Suit

Elvis Presley, center facing camera, is served with a \$38,000 breach of contract suit as he entered the Cotton Bowl in Dallas for a personal appearance. W. R. Pike, left, a Dallas deputy sheriff, serves the paper as Nick Adams, right, Presley's bodyguard, looks on. The suit was brought by R. G. McElyea, Fort Worth promoter, who claimed the Roll 'n' Rock singer ignored alleged contract terms for four appearances in Fort Worth last March. Later it was announced that Presley and McElyea had agreed on two Fort Worth appearances before Dec. 15 and that the suit would be dropped. (AP Wirephoto.)

# MEN IN SERVICE

Now taking basic training at Fort Bliss is J. C. Draper, son of Mr. and Mrs. C. L. Draper of Forsan. Draper left there for Abilene and induction on Sept. 26.

A graduate of 1955 at Forsan High School, Draper attended HCJC last year.

Johnnie L. Suter Jr., seaman apprentice, is serving aboard the USS Anietan, an anti-submarine warfare support aircraft carrier in the Atlantic.

Suter is the son of Mr. and Mrs. Johnnie Suter, 1005 Lancaster. At the present time, Suter is participating in a combination goodwill and training cruise in the Atlantic and Western Europe waters as a part of Hunter-Killer Group No. 2, composed of 15 naval units. The group sailed from Norfolk, Va., on Oct. 1.



J. C. DRAPER

# Oil Appreciation Barbecue Slated By Lamesa C Of C

LAMESA, Oct. 13 — Members of the Lamesa Chamber of Commerce Friday received letters from the Chamber's Oil Committee, inviting them to present next Thursday night at the High School Cafeteria for the first annual Oil Appreciation Barbecue.

Chamber members who plan to attend are requested to call the C of C office. Bobby Woodrum, oil committee chairman, reported that he is pleased with the percentage and total number of oil field personnel who have notified the chamber they will attend the barbecue with their families.

Woodrum reported also, that for identification purposes, members of the industry will have a lapel card in one color, while chamber members will wear another color. Each person's name will be on the tag.

# 21 Businesses Aid With DET Training

Twenty-one firms have assumed obligations as training stations for 28 Distributive Education students from Big Spring High School.

All pupils in the D-E class are on the job in the afternoon at their stations, said Frank H. Farrar, coordinator. Pupils, and the training stations approved by the Texas Education Agency, are:

Joyce Ann Webb and Mary Norwood Clara Guill at C. R. Anthony Co.; Robbie Autry, Paula Hon and Jo Johnson at McCrory's; Joyce Voyles and Isabel Molina at Montgomery Ward & Co.; Mary Benjamin and Jacquetta Conwell at F. W. Woolworth; Tommy McAllen and Michael Horbath, Toby's Grocery Drive In No. 2; Robert Meeks at Conway Humble Service; Everett Barnett at Big Spring Auto Parts; Ilene Billings at Walker Auto Parts; Royce Walker at Walker Implement Company; Mike Hull at Men's Store.

# Service Pins To Base Employees

Ten-year service awards were presented last week to 48 Webb Air Force Base civilian employees, each with a minimum of 10 years of federal service and five years of service in the Air Force.

The 48 employees, who have a total of 161 years service at Webb AFB alone, received the awards from their group commanders. The award was a bronze pin to each recipient.

Awarded the pins were Mrs. Dorothea B. Kain, Mrs. Elizabeth G. Farrow, Mrs. Jewel B. Bramlette, and Mrs. Elsi K. Morrell. Webb civilian men receiving this award are Warren A. Farrow, Peter J. Perring, Billie J. Bowers, Carol K. Graham, Lester C. Wilbanks, Lowell C. Duke, Vernon R. Hinselwood, Noble N. White, Hugh K. Lawson, John T. Baker, Audrie L. Wood, Delton R. Seward, Vestel T. Murphy, Francisco Palomino, Florence L. Weaver, James H. Holloway, Max O. Roberts, Delbert L. North, William C. Mann, John J. Herbert, Lerla L. Johnson, Fieldon M. Fulbright, Ellis G. Poltevin, Thomas J. Dimpfl, Leo E. Frank and Lawrence Wisenhunt.

# Publisher Tells Of Newspaper's Responsibilities

R. W. Whipkey, publisher of the Daily Herald, in a guest appearance before the American Business Club at the noon luncheon Friday, discussed a newspaper's responsibilities and objectives to a community.

Whipkey pointed out that a newspaper performs three roles in a community—that of a manufacturer, a retail concern and as an agency dedicated to public service.

He also focused attention on the fact that a news periodical such as the Daily Herald takes pride in lending active support to every promotion and project from which the public and society in general profits.

Whipkey extended an invitation to all present and inspect the Daily Herald's new plant at Eighth and Scurry Streets, which shortly will be in operation.

He said the owners invested in such a plant because they have faith in the community and its future and reasoned it would continue to grow.

Grover Cunningham, president of the club, presented Jim Lewis with a trophy for having enrolled the most new members during the six months' period ending June 30. Harold Talbot and Joe Campbell were introduced as new members. Guests present included Wade Choate, Jerry Allen, Grover Good, Paul Vagt and Rev. D. R. Philleary.

Cunningham announced that the team headed by R. H. Weaver was leading in the Colorado campaign being conducted within the club. The contest ends the last week in November. The winning team will be treated by the other contenders with a party at the Cosden Country Club the night of Dec. 12.

# Jackie And Jaunty Judge Stir Momentous Campaign

RIVERSIDE, Calif., Oct. 13 — A terrific political do-over over 100,000 votes rages between jet-propelled Jackie and the jaunty judge in their desert district race for Congress.

Jackie is Jacqueline Cochran Odium, millionaire aviatrix and Republican candidate to succeed retiring GOP incumbent John Phillips as representative from California's 29th District.

The judge is Dalip Singh Saund, a thoroughly Americanized Hindu and Democratic primary winner from tiny Westmorland, population 1,300.

The contest pits the blonde Florida orphan who now dines with presidents against a dark-hued immigrant from an upper caste Indian family—first of his countrymen to hold public office in the United States.

The campaign has attracted unprecedented attention and expenditures in this area.

Today Gov. Frank Clement of Tennessee hustled in to speak for Saund, and ex-Gov. Howard Pyle of Arizona appeared at a Cochran rally. House Speaker Joe Martin was here for Jackie last week; Paul Butler, Democratic national committee chief, is due to boost the judge this week.

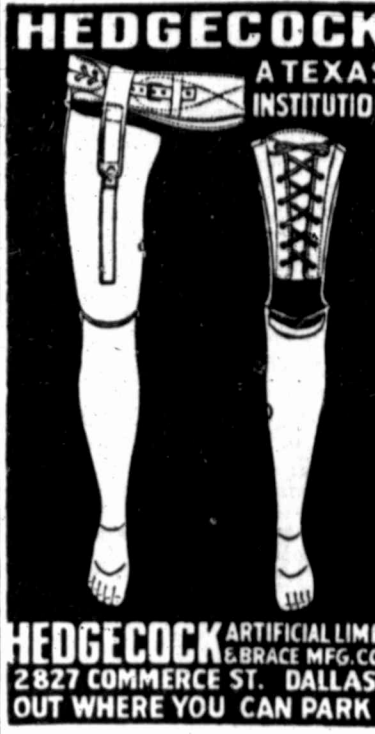
Mrs. Odium and her campaign committee spent a declared \$57,891 in the hot primary; Saund and his backers, \$15,327, according to reports to the California secretary of state.

Saund says he expects a turnout of 95,000 to 100,000 voters—"at least 80 per cent of the registration" of 125,702.

The political experts add he'll

need to win because "Republicans always stick together in Riverside." The GOP still holds a several thousand vote edge in the city of Riverside, population 72,000, although Democrats boast a numerical edge in the county for the first time in many years.

Mrs. Odium doesn't believe the vote will top 85,000 and "my advisers think we'll win by a good margin."



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# LETTERS TO THE EDITOR Sees Life Lived Without Faults, Praises Virtues

To the Editor:

With the passing of Stella we may pause with profit for a moment to consider one of her rare accomplishments, that in a rather long life she lived so that most of us have never heard of any fault or shortcoming which she may have had. The most adept critic had only praise for her virtues.

Even in the days of St. Paul these virtues must have been rare for he called attention to them in his Philippian saying, "Think on these things." The true, the honest, the just, the pure, the lovely come to our attention. "Whatever things are of good report; if there be any virtue, and if there be any praise, think on these things."

Many times we have had occasion to think of her lovely spirit when dealing with those less gentle. We shall remember her encouragement and her tranquility even in disaster.

In our busy world it is pleasant to remember Stella — a star of peace, of encouragement and love. Mrs. Leighton Mundt.

### Lists 'Dangers' Of Desegregation

To the Editor:

To my way of thinking racial integration is worse and more dangerous than the much-discuss com-

# Influenza Is On Increase In City

Influenza and gastroenteritis topped the weekly communicable disease report, furnished by the city-county health unit.

Gastroenteritis, with 27 cases, recorded the highest total, while influenza cases numbered 22. Twenty cases of upper respiratory trouble were reported. Sixteen persons were bothered by tonsillitis, and there were 15 cases of diarrhea.

Ten cases of streptococcal were reported, and six of virus.

Five pneumonia, four trenchmouth, two mumps, and one roseola completed the report.

# Sam F. Buchanan In Temple Hospital

Sam F. Buchanan of Big Spring is in Scott and White Hospital, Temple, convalescing from surgery performed Wednesday.

Jack Buchanan reported his father is recovering satisfactorily, although he will remain in the hospital for several weeks.

Announcing the **ONE** and **ONLY** thing **NEW** in TV!

a fabulous new invention from the Research Laboratories of Zenith—Radiocentric specialists for 37 years.

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NOTHING BETWEEN YOU AND THE SET BUT SPACE

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The price is soon forgotten but quality stays with you... COMPARE ZENITH QUALITY TV

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... TURNS SET OFF

... CHANGES CHANNELS

... MUTES SOUND WHILE PICTURE REMAINS ON SCREEN

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Superb furniture styling with 26 1/2 sq. inches rectangular picture area; Cinebeam; CineLens; Top Tuning; Spotlite Dial. In mahogany color or blond oak color. Mahogany only \$500.00

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Super Royal Series with 26 1/2 sq. inches rectangular picture area. "200" Space Command changes channels, shuts off sound. In mahogany or Blond Oak color. Mahogany only \$259.95

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# China Reds Blame Foes For Rioting

HONG KONG, Oct. 13 (AP)—Communist China lodged a strong protest with Britain today against three days of rioting in the crown colony of Hong Kong.

## Base Is Named After Vincent, Native Of Gail

YUMA, Ariz., Oct. 13 (AP)—Formations of the nation's latest supersonic jets flashed overhead Friday as Yuma Air Base was formally renamed Vincent AFB in memory of the late Brig. Gen. Clinton D. Vincent.

## Stanton Forms 2 Band Groups

STANTON, Oct. 13—A 45-piece high school band and a 33-instrument junior band have been organized here.

## County Judge's Road Suggestion Evinces Interest

A suggestion made by R. H. Weaver, county judge, to the Texas Highway Department that standard right-of-way deeds be modernized has met with considerable interest in the department, a letter to Weaver asserted.

## New Deadline On GI Insurance Plan

Veterans separated from active service since Sept. 4, 1956, will have 120 days in which to apply for 5-year term nonconvertible GI insurance. They will have only until Dec. 31.

Robert W. Sisson, manager of the Veterans Administration regional office at Lubbock, said the new application deadline was set by the Servicemen's and Veterans' Survivor Benefits Act (Public Law 881, 84th Congress).

## Drowns In River

MARLIN, Oct. 13 (AP)—John Schmalz, 52, of Falls County drowned today in the Brazos River about five miles south of here.



Texan Testifies

H. J. (Jack) Porter of Houston, Texas Republican National Committeeman, emphasizes a point as he denied before the Senate Post Office and Civil Service Committee in Washington that there has been any selling of government jobs in his state under the Eisenhower Administration.

## Eight-County TB Meeting Set Here

Eight counties will send representatives here Thursday for an all-day session on local program improvement in tuberculosis control.

## Vandals Use Rocks To Smash Windows

Rock throwing took on a vandalistic atmosphere Friday night when policemen found business establishments with windows broken with rocks.

## Airmen Spending Off-Duty Hours In Schools, Library

Contrary to notions of some people, it's not all "fun and frolic" for airmen on off-duty hours.

## New Chaplain Due At Webb Tuesday

Chaplain (Maj.) Henry C. Wolk Jr. is expected to report to Webb AFB about Oct. 16 to take over the duties of wing chaplain.

# Land Requirements For New Airport To Be Determined

County Commissioners Court will be informed on the acreage recommended for the proposed Howard County Airport at its Monday morning meeting, R. H. Weaver, county judge, said Saturday.

## 'Midland Man' Remains Rated 20,000 Years Old

SANTA FE, N.M., Oct. 13 (AP)—Radio carbon tests show a woman's skull found near Midland, Tex., three years ago apparently is 20,000 years old—the oldest human remains ever found in the Western Hemisphere.

## Cotton Pulling Wage Unchanged

The Texas Employment Commission Saturday received a telegram announcing that the wage for Bracero cotton pulling in Howard County would remain the same.

RP Coolpads And Excelsior Pads Made To Order INSTALLATION . . . SERVICE Year 'Round Air Conditioners 36 Months To Pay WESTERN SERVICE CO. 207 Austin Dial AM 4-5321

## If You Believe In Christianity—

Don't Run With The Infidels The Shivercrats are with us again, playing the same old tired record — still running against Harry Truman. The C.I.O., and Walter Reuther. The only whipping boy absent is the NAACP; they found out their candidate had been a member for ten years.

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# Legal Phrases Key To NAACP Fight

TYLER, Tex., Oct. 13 (AP)—Nine men have spoken most of the estimated 637,500 words recorded in the attempt here to outlaw the NAACP in Texas.

The critical case is a battle of legal phrases and will continue to be through the expected appeal—whichever side wins—to the U. S. Supreme Court.

The hearing—specifically a request by the state to make permanent a temporary restraining order against the Texas National Assn. for the Advancement of Colored People—recessed yesterday until Monday.

The state rested Thursday after nine days of testimony and 473 exhibits. So far the defense has questioned 5 of its expected 25 witnesses.

The state claims the NAACP

has violated its state charter by what the state charges is political activity, making a profit and soliciting school integration suits. The state says these activities are unlawful because the NAACP is chartered as a charitable non-profit organization.

So far, the NAACP has sought to prove that plaintiffs in NAACP lawsuits were intimidated by state officers, and that the state had no right to collect some of the evidence the state has presented here.

State Dist. Judge Otis T. Dunagan, 47, a slow talking native East Texan has ruled the 7th District State Court for 14 years.

"Both of you are trying to tell me what the law is," he told attorneys this past week. "You

make the arguments and I'll make the decisions."

Easily the most dominant figure in the walnut-paneled, air-conditioned courtroom is Thurgood Marshall, 48, chief NAACP counsel and nationally prominent spokesman for his race.

"This is it," says the attorney who has been the No. 1 leader in trying to break down the color line in the United States since he became chief NAACP counsel in 1938. If Texas can outlaw the NAACP, Marshall says, other Southern states may try.

On the other side of the counsel table is state Atty. Gen. John Ben Shepperd, 40, who bypasses Dunagan's no smoking edict by chewing unlighted cigars. His almost constant presence, although he has said very little for the record, indicates the importance he places on the hearing.

The principal courtroom spokesman for the state is Davis Grant, 42, first assistant attorney general. Backing Shepperd and Grant are two young assistants, personable Will Davis, 26, and Elbert Morrow, 28. D. S. Meredith, a former district judge and district attorney, completes the state's court room team.

Working with Marshall are three Dallas Negro attorneys, one of them a defendant in the suit.

W. J. Durham, 51, is a stocky, constantly smiling attorney with 24 years experience before the bar.

C. B. Bunkley, 35, a 1944 graduate of the University of Michigan law school, represents the NAACP Legal Defense and Educational Fund, Inc., which he and Marshall contends is entirely separate from the NAACP organization.

# Traffic, Drunk Fines Are High In City Court

Traffic violations almost brought as many fines as did drunkenness charges in corporation court last month. There were 114 drunks fined, and 110 persons for moving violations.

Fines from the 114 drunkenness charges amounted to \$2,255, and the moving sins brought assessments aggregating \$1,050.50. The two groups registered in the court.

Eight persons pleaded guilty to affray charges and their fines amounted to \$225. Driving with a license cost 20 persons a total of \$375. Eleven disturbance complaints caused fines of \$345.

Four vagrants found a total of \$32 in fines facing them during the month, and three persons found guilty of theft under \$5 were slapped with a \$56 total in fines. One complaint was lodged for leaving the scene of an accident, and the defendant paid \$50 in that case.

Mechanical violations numbered eight and brought \$45 in penalties. Actual cash receipts for the month totaled \$3,350.50, and violators laid out \$1,805 in fines. Residents paid \$889 for over time parking.

For all offenses, patrolmen issued 1,345 tickets.

# Canal Ships Will Reveal Passengers

WASHINGTON, Oct. 13 (AP)—The Panama Canal Co., with a prod from newsmen and a go-ahead from President Eisenhower, today agreed to make public the names of congressional free riders on its three passenger ships.

The decision—revoking a long-time secrecy rule—was taken by the board of directors of the government-owned company. Asst. Secretary of Defense George H. Roderick is board chairman.

Eisenhower was asked at his Thursday news conference if he felt the board should disclose the ship passenger lists. He said he knew of "no reason on earth" why they should not be published "the day the ship sails."

His questioner, Pat Munroe of the Albuquerque Journal, has been trying to get the lists for some time. He told the President there had been reports of abuses of free travel privileges on the line. It runs from New York to Cristobal, Panama, with a stop at Port au Prince, Haiti.

Roderick's statement, however, said a check of passenger lists since July 1, 1956, showed that five congressmen or committee staff members, accompanied by

eight dependents, had taken passage.

For the fiscal year ended last June 30, he said, the total was 25 congressional committee members and a staff member and 30 dependents, from a total of 11,800 passengers.

# Women Go On Hunt For Bear

GRAYLING, Mich., Oct. 13 (AP)—Led by a 50-year-old grandmother 80 gun-toting women, loaded for bear, fanned into Michigan's North Woods today.

Mrs. Mable Dingman of rural Grayling organized the state's first all-woman bear hunt. She said she got the idea because she didn't think wives should have to sit home while their husbands hunt.

During the two-day affair, husbands were left behind at the hunt headquarters to pitch horseshoes, play poker or practice archery.

The women were accompanied by eight male guides and 14 trained dogs. Mrs. Dingman said the guides will tell the women where to stand and when to shoot.

Asked about the possible dangers of 80 gun-toting females running around in the North Woods, Mrs. Dingman said, "I'm not worried. Most of these women are serious, experienced hunters."

However, one of the group, Mrs. Lucille Foster of Royal Oak, said, "I'm not a huntress but I'd sure like a bear rug to put in front of our fireplace."

# Delegation To Tito

BELGRADE, Yugoslavia, Oct. 13 (AP)—A military delegation from Communist China, headed by Col. Gen. Ten Hua, was received by President Tito today. A similar Yugoslav delegation is now in China.

# Nuclear Ship

WASHINGTON, Oct. 13 (AP)—President Eisenhower on Monday will give the go ahead for construction of a nuclear powered merchant ship, which Congress authorized at the last session.

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**THE NEW BENDIX SUPER-FAST Automatic Dryer**

**SAFER THAN THE SUN... MANY TIMES FASTER!**

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# RATTLER FOUND IN JAIL, PRISONERS PLEAD GUILTY

GAIL, Oct. 13—Sheriff Sid Reeder, who sometimes doesn't have guests in the ancient Borden County jail, wasn't surprised to find a rattlesnake making his abode inside.

To the amazement of a Texas Ranger and a private investigator, Sheriff Reeder calmly picked up a broom and dispatched the serpent—just like disposing of rattlers was a routine part of his jailer duties.

And it was with some reluctance that two prisoners, charged with theft, took the snake's place in the jail. The next morning, they promptly pleaded guilty and were assessed fines of \$200 and \$100.

Ranger John Wood and Special Agent A. L. Barr of the Humble Oil Company caught the two Midland men stealing equipment from a Borden County lease Wednesday. That's the night they displaced the rattler from Reeder's jail. The guilty pleas were heard Thursday morning.



The Saturday trips through this part of the country are anything but sight-seeing tours. After you've seen one sandy, barren field, you've seen them all. Everything is desolate and depressing, yet the driver can't feel a fractional part of the gloom that the owner must experience.

It didn't rain this year; it may not rain next year. With no crop and no prospects, but with debts piled higher than thistles against a fence row, you can't blame some farmers for becoming bitter.

Yesterday I drove up to Vealmoor and across to Ackery, then south to Knot and southwest across some of the sandhill land of Martin County. The best cotton, if any of it can be called best, is south and southwest of Ackery. Some of those fields will average a quarter bale to the acre, though not all the fields of cotton are covered.

We heard of one man who is making a half bale per acre, but didn't get his name.

The Luther Gin had turned out 193 bales yesterday morning, said manager L. L. Underwood. He figures the crop is about 50 per cent harvested in that community. It is all poor except the irrigated cotton. One irrigation farmer, C. H. Hyden, had ginned about 25 bales.

Underwood said all the cotton could be gathered in a week if hands were available. A few bracers are working, but still more are needed.

At Vealmoor, cotton is found only in spots, but some of the small areas are white with open bolls. Workers are also needed here, but it wouldn't require many.

Porter Hanks has about 50 acres of cotton. He said 40 acres of it might make a quarter bale per acre.

West of Vealmoor I had an unusual experience. While looking through the windshield, I noticed several drops of water on it. The car wasn't boiling, so the drops must have been rain. There was a cloud overhead—a small, blue cloud, and it looked as if a shower was coming. But after giving up a few drops, the strain was too much, and it drifted on toward Borden County.

At Ackery the dust was blowing and the streets almost deserted. Several buildings that are usually occupied during the fall are still vacant. Mrs. Lonnie Kemp was complaining about the dust. She had swept the store once during the morning, and was wondering if it needed another cleaning three hours later.

Don Brazier at the Paymaster Gin said cotton was coming in a lot faster now. He had ginned 65 bales the last two and a half days.

He thinks the harvest is about half over, or at least 40 per cent gathered. They had ginned 205 bales. The only boll pullers around Ackery are bracers. The native workers just breeze on through toward Lamesa and points north.

The Co-Op at Ackery had ginned 333 bales, according to manager Darrell Smith. He figures on ginning about 500 bales this season.

The Planter's Gin had turned out 143 bales. They also figured the cotton harvest was half over. Some of the cotton is getting up a little sandy, according to J. C. Ingram. He said much of their cotton came out of Dawson County, and is turning out somewhat better than farmers thought.

The three gins at Knot have ginned a total of 500 bales,

# SCS Workers End Schooling

A week-long range training school was concluded here Friday for Soil Conservation Service technicians.

Participating were staff members from area No. 13, presided over by W. S. Goodlett Jr., in area conservationist, who are in line for training in field of range conservation.

The sessions were an extension of a regional training period held at Howard County Junior College several weeks ago. To this area representatives had come so they could serve as instructors in their own sectors.

In addition to the office instructions at the Howard County courthouse last week, two days were spent in the field on the Dick Simpson and Tom Good ranches in Borden County.

Among those taking part in the area party were Goodlett, Marion Everhart, Edward Bigham and Roland Willie, Big Spring; Lynn Dugan and Blake Loveless, Seminole; Drew Mauldin and Lester Harrington, Midland; Henry Williams and Richard Hodges, Brownfield; Jess Jenkins and Jerry Bradley, Lamesa; Jake Hodges and Allen Cox, Stanton; Vic Childress and Robert Scruggs, Levelland; Wyatt Lipscomb and Don Powell, Plains; Alton Ledbetter, Tahoka; Guy Moore and Gene Conner, Snyder; and Fred Collins, Morton.

W. H. Yater, who farms west of Stanton, has had another good crop year. He has 40 acres of cotton on which he expects to pick 100 bales. On one end of the fields where he spread a thick layer of cotton burrs, the crop likely make three bales to the acre.

Yater is a firm believer in putting on burrs. He gets them from the Courtney Gin which is located on one side of his field, and spreads on several dozen truckloads every winter.

Besides the cotton he has put up 200 tons of silage. It will be fed to calves which he is buying now. The calves will graze sudan until November, then the lighter ones may be put on a winter legume pasture for several more weeks before being taken into the feed lots.

At one time Yater had a much larger farm, but sold it off till he now has only 120 acres. He says that's about all a man needs if he has plenty of water.

Tommy Whatley, who has a large caged-hen house just north of Big Spring, says putting two hens in a single cage is no good. He has been trying this to cut down on space, but now has decided to put each hen in a cage to herself.

The trouble is that one hen will always be boss and she makes life miserable for her roommate. The weaker hen becomes so frightened that she won't eat or lay eggs. He said that sometimes he'd find one hen with her foot on the other hen's head, and the cowardly bird would be laying there too scared to even move.

Another disadvantage is that the owner can't do a good job of culling. He never knows whether the hen has stopped laying for keeps or if she's just too nervous to do so.

Last summer when visiting a caged hen farm near Phoenix, I was told by the owner about his taking a rooster into the hen house one day. The rooster had been raised in a pen by himself and had never seen a hen, or at least not after he got big enough to be interested in them.

The man wanted to see what would happen, so he tied the rooster onto the egg cart which was rolled down the aisles in gathering eggs. At the sight of those 2,000 young hens, the rooster got so excited he didn't calm down for several days.

The man said it was a costly experience. The hens got almost as upset as the rooster and laid 200 fewer eggs that day.

# Area Teachers Slate Meeting

Teachers from Martin and Glasscock counties are invited to meet with the Howard County Teachers Association Tuesday night to hear a discussion of legislation affecting the group.

Fred Sallings of Coahoma, president of the Association, announced Saturday that the meeting would be held in the Big Spring High School Auditorium at 7:30 p.m. He said invitations had been mailed to Martin and Glasscock teachers to attend.

Floyd Parsons, Big Spring superintendent, and Walker Bailey, county superintendent, will bring a report on the 14th Amendment which deals with teacher retirement.

After the talks, Sallings said the group would have a social period.

# Back Amendments

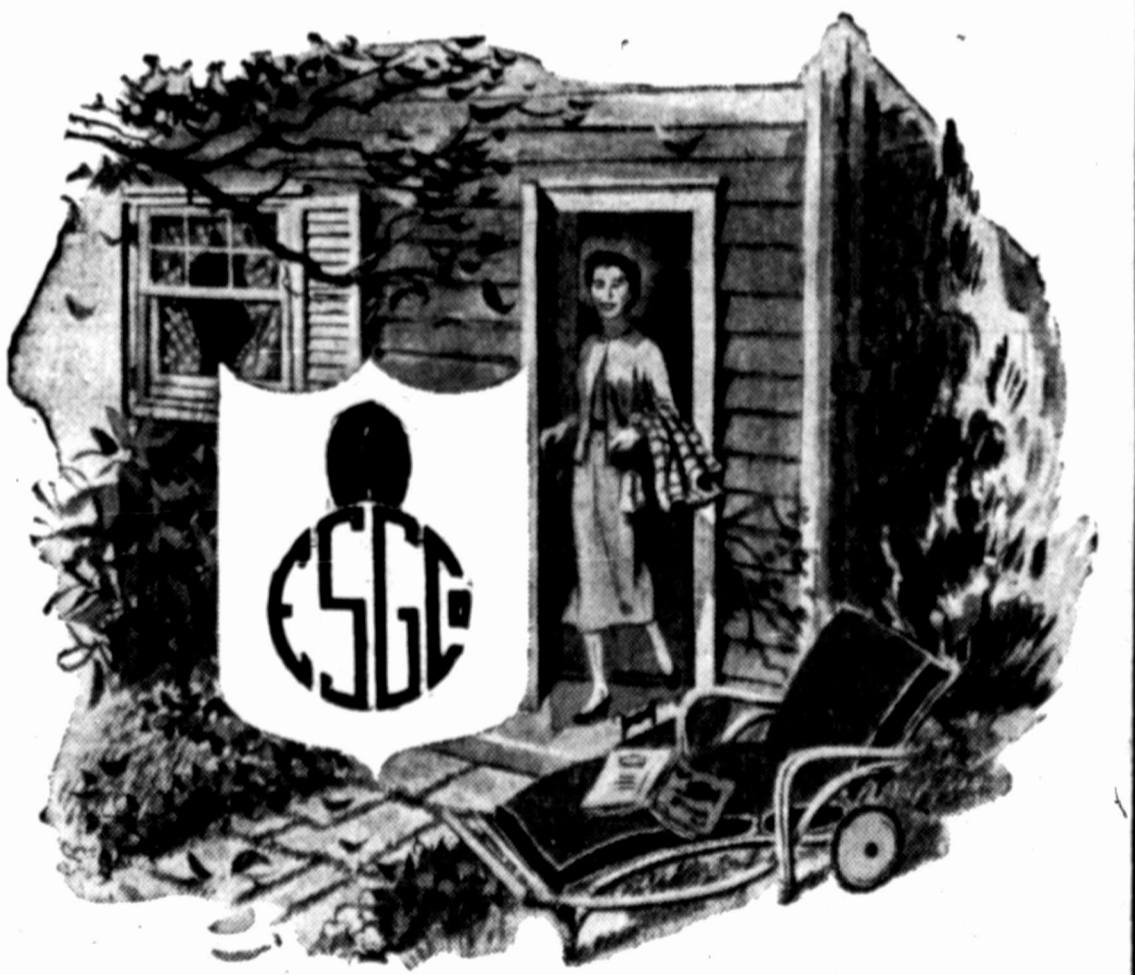
AUSTIN, Oct. 13 (AP)—The Texas State Federation of Labor said today it will support all nine amendments to be voted on in November.

# GAS is 7 WAYS BETTER

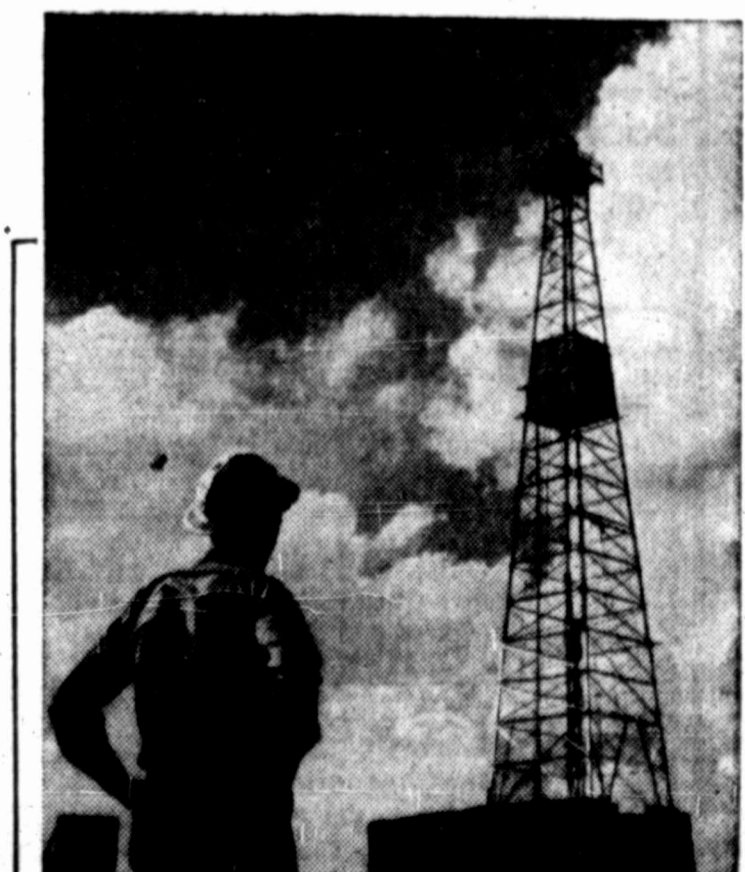
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# Drilling Activity On Sharp Gain In Basin

Fifty more rotary rigs were in operation last Wednesday than were working Sept. 25.

The semi-monthly survey conducted by Reed Roller Bit Company showed there were 589 rotary units operating last Wednesday, and on Sept. 25, the total was 539. Activity has been on the increase since August. On Aug. 25, the count was 519.

Lea County, N. M., reported the biggest single area total and also the biggest increase numerically.

# Cosden Makes First Entry In Panhandle

Cosden Petroleum Corporation has marked its entry into the Panhandle area by re-entering an abandoned test to deepen to the Morrow sand.

The test is the Cosden No. 1, E. Ellis, and it is located 1,980 feet from the north and west lines of section 21-1, WCR Survey in Hansford County, two miles east of the Hitchland Field.

Cosden is drilling the well wholly on its own. The test is spudded in the center of a 640-acre lease where Humble Oil and Refining Company drilled a well to a depth of 4,765 and abandoned.

Plans are to carry the test through the Lower Morrow at approximately 7,200. This formation has been yielding considerable gas and distillate in wells in that vicinity.

# Tax Parley To Include Oil

LUBBOCK—The fourth annual Texas Tax Conference Monday through Wednesday will feature at least three addresses on petroleum industry activities.

Frank B. Appleman of Fort Worth will discuss "Use of Partnerships for Oil and Gas Exploration." Clark W. Thompson Jr., of Houston will speak on "Oil Payments—Latest Developments in Oil and Gas Taxation."

# Test Spuds In Jo-Mill

One of the two ventures of the Jo-Mill (Sprabery) field in Dawson County spudded this weekend.

Humble No. 2 J. A. Lane, 20 miles southeast of Lamesa, spudded a set surface casing at 305 feet in redbeds. This weekend, operator waited on cement to harden.

# Shapes Of Oil Fields Vary, Fixed Types

Frequently, when you drive through an oil field you can't see its shape because of the distances between wells. But as the geologists, engineers, and map makers record the producing areas on maps, you can see the areas in fanciful shapes and hard-to-believe patterns.

Mother Nature predestined the boundaries of each field millions of years ago by the way vegetation and animal life were laid down in layers of the earth.

No one knows for sure the shape of a field until wells are drilled to its limits and the geologist can see the producing formation to determine its limits. And before oil men can begin to find the limits of production, they must find the oil field first. To do this an average of nine wildcat wells are drilled by the industry to discover one field.

While oil producing areas have a great variety of shapes, a bit of study shows a similarity in the forms they take.

**FAULT FIELDS**—many of the shapes of oil fields are delineated by an almost straight line along one side, usually running lengthwise to the producing area. On one side of this line there is production of oil; wells drilled only a few feet opposite the production are almost certain to be dry holes.

The first major production in this area, was discovered in May, 1923. While some of these fields have many common characteristics, there are others that appear to be bent on being original in the forms they take.

In West Texas, there is a great variety of fields both in size and shape. The old Howard-Glasscock field, discovered in 1927 and named for the counties in which it produces, looks something like a legless sea monster that might be imagined to have lived millions of years ago with the dinosaur.

**ANTICLINE FIELDS**—The anticline structure in its simplest form results from the upfolding of rock formations. Typically, in the anticline, oil is trapped in the upper part of a porous formation lying below an impervious layer of rock. If these conditions are repeated, several producing levels may be found on the same structure. Fields found on anticlines are characterized by their production blanketing the area and often being nearly round, but they may take a variety of shapes.

**MOORE PAIR READY FOR COMPLETION**  
Operators prepared to move in completion equipment this weekend at an opener in the Moore field.

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# Oil Progress Made Reality By Industry

By MAX B. SKELTON  
HOUSTON, Oct. 13 (AP)—The oil industry has rewritten its record book since launching an annual Oil Progress Week program nine years ago.



# Former Sunray Man Maps Mesa Project

E. R. (Bob) Swift, formerly of Big Spring, has been named chief production engineer for Mesa Petroleum Company Inc., of Wichita, Kan., on Oct. 1, J. A. Green, president, announced.

Bob Swift comes to Mesa from Sunray Mid-Continent Oil Company. He was Sunray's assistant water flood engineer of all water flood projects in North and West Texas, and had much to do with the phenomenal secondary recovery activities in the Howard-Glasscock Field in Howard County. He is now chief in charge of the water flood program which Mesa is starting in the Yates Sand on Mesa's 850 acre block near Sunray Mid-Continent's Dora Roberts lease, in the Howard-Glasscock Field.

# Attendance At Meet Is Urged

Attendance at the annual meeting of the Independent Petroleum Association of America in Dallas on Oct. 29-30 is being urged by two directors, M. M. Miller and R. L. Tollett, of Big Spring.

# Observances Of Week Planned

Observance of Oil Progress week will be noted on several fronts in Big Spring and Howard County.

# Abandoned Well Will Be Re-Entered

Rutter and Wilbanks moved in equipment this weekend in preparation for re-drilling an abandoned wildcat in Borden County.

# NOAH USED ASPHALT Oil Was Known 6,000 Years Ago

Petroleum has been called the "bloodstream of modern life."

# Drilling Increases Slightly In Nation

Drilling on a national scale showed slight gains for another week, but the rate was still off the 1955 pace.

# Guthrie Begins Mitchell Test

Cecil Guthrie waited on cement to set around 8 1/2-inch casing at a Westbrook field location this weekend.

# JOHN A. COFFEE ATTORNEY AT LAW 308 Scurry Dial AM 4-2591

Attorney at Law, 308 Scurry, Dial AM 4-2591.

# Moore Pair Ready For Completion

Operators prepared to move in completion equipment this weekend at an opener in the Moore field.

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Southwest Tool & Machine Co. 901 E. 2nd Big Spring Oil Field and Industrial Manufacture and Repair Drill Collar Service 24 HOUR SERVICE

# RIP SMITH MEET THE 'seniors' OF THE COSDEN FAMILY...

On Oct. 15, Rip Smith will round out 15 years of work with Cosden Petroleum Corporation. For it was on Oct. 15, 1941 that Smith became a part of the company.

ferred to West Texas as area engineer. He is married and has a daughter, Virginia, 8, and a son, Bob Jr., age 2 1/2. He is a member of the American Institute of Mining and Metallurgical Engineers.



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Only \$2.50... buys ticket book for entire entertainment program: 2 stage shows, 3 dances, and barbecue. No admission charge to grounds or exhibits.

Order tickets today from Odessa Chamber of Commerce or Permian Basin Oil Show, 219 W. 3rd, Odessa.

THE WORLD'S LARGEST OIL SHOW IN 1956!

Smith was born in Ballinger, Texas, but grew up in Abilene where he went through elementary school and attended high school. It was almost inevitable with his love for athletics that he should be a member of the high school football team.

Besides football, Smith played polo professionally for six years, but doesn't get around to playing this sport anymore. His favorite form of relaxation now is fishing, especially the deep sea type. He also likes golf.

After working on a ranch near Midland for a short while Smith first went to work for Cosden in the yard. He spent three months in that department and then was transferred to the pumphouse and treater department where he has remained.

He spent 3 years and 3 months in the service of Uncle Sam. Beginning in Sept. of 1942. After completing his time in the Army which included 22 months in the Ascension Islands, Smith returned to his work at Cosden.

He and his wife, Kay, a native of Honey Grove, were married five years ago in Abilene. They reside in Big Spring at 1317 Stadium.

Among his activities while living here, Smith is a member of the Howard County Athletic Club and the Eagles Lodge.

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NEW YORK bowed out of hard-fought... \$4,700 Jockey Belmont Par and America Ling perform.

Winnie KEMPTON 13 (A)—Sir V Pretendant Elizabeth's 1 and a Hall Stakes at K.

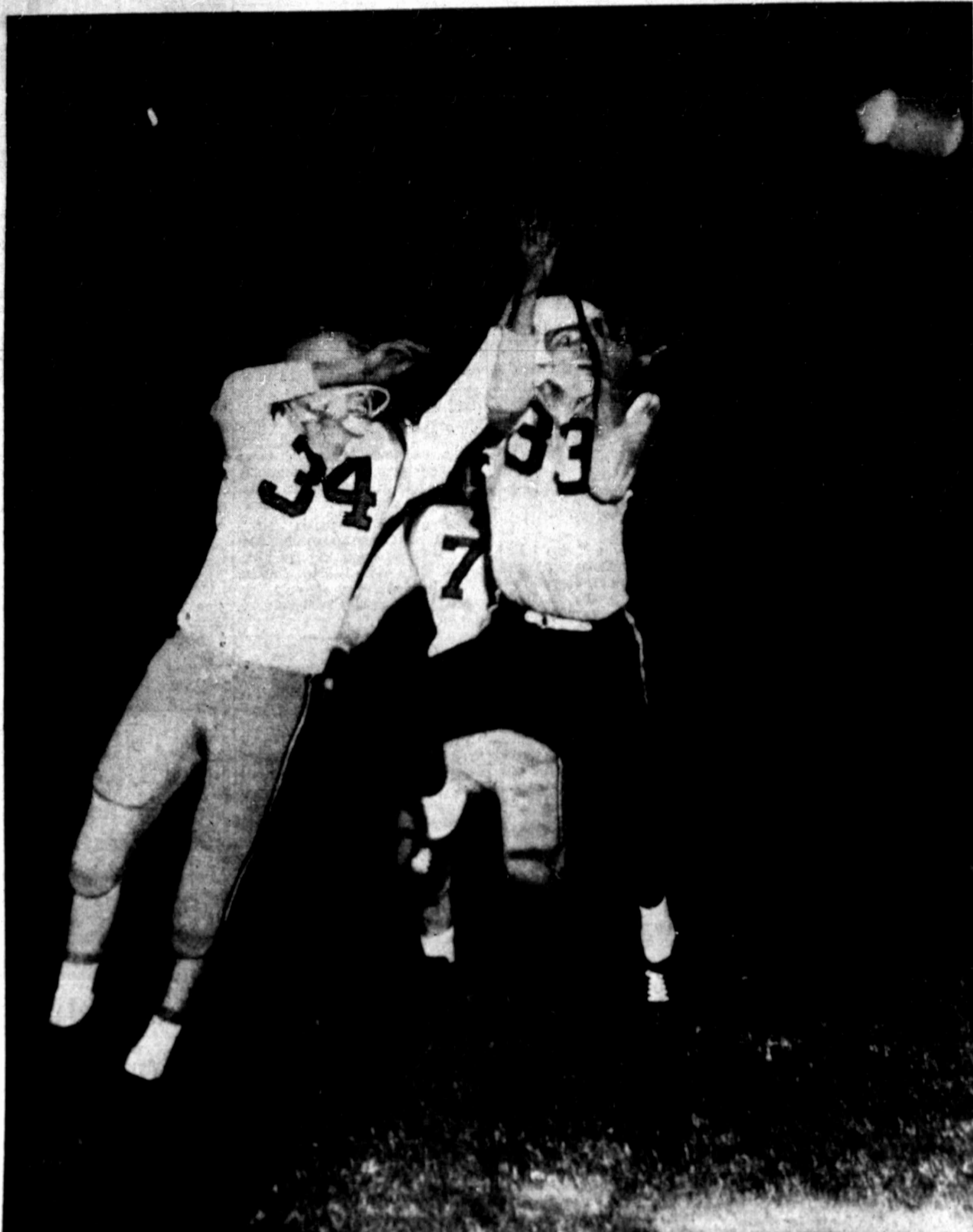
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One Hand Too Many

Doyle Goolsby (33) of Lamesa goes high for a pass in Friday night's football game between Big Spring and the Tornados but there's one hand too many after the ball. The mitt belonged to Jimmy Evans (34) of Big Spring, who deflected the ball. That's Walter Dickinson in the rear. Big Spring won, 16-14.

## Penalty - Ridden Steers Eke Out 19 - 14 Victory

Immediately prior to Friday night's football game between Big Spring and Lamesa here, the local band focused attention on Old Glory with its rendition of "The Star Spangled Banner."

The ceremony must have made the officials flag-conscious, because for much of the succeeding 45 minutes — they kept their penalty banners sailing through the breeze.

It got to the point where a boy couldn't scratch his elbow for fear of having five yards stepped off against his club.

Luckily for the resident Steers, three touchdowns they scored in the first half stood up for a 19-14 victory — the fourth in a row scored over Lamesa.

In the last two periods, the Bovines couldn't move with any degree of success. They usually found themselves needing 25 yards on a first down try.

It took a heroic goal line stand late in the game to repel the Tornados, who never gave up. The visitors drove 64 yards down to within a foot of the Steer goal but an offside penalty hurt them at that point and Big Spring eventually took over on the ten.

At that stage, there was still six minutes to play but Lamesa never mounted another real threat.

In all, 170 yards were stepped off against the Steers by the officials, almost as much as the Lamesans picked up on the ground. The Tornados were penalized 90 yards.

Big Spring scored twice before Lamesa could untrack. At the end of an 83-yard drive late in the first quarter, set in motion after Lamesa had fumbled and lost possession, big Jan Loudermilk took a pass from Billy Johnson for 18 yards and a score.

Lamesa linemen swarmed down upon him and he failed to get any altitude on the try for extra point.

Early in the second, Bobby Clements of Lamesa failed to get a punt away and Big Spring took over on the Tornado 26. The locals worked the ball on down to the seven, from which point Herschel Stocks bruised through for the second Big Spring TD. That made it 12-0 and again Loudermilk failed on his try for point.

Lamesa failed to get back in the ball game after taking the ensuing kickoff, scoring without losing possession on a 75-yard drive. John Middleton, a bundle of nervous energy for Lamesa throughout the game, blitzed the last 12 yards on a sweep around end. Sam Jones booted the PAT and it was 12-7, Big Spring.

The Steers beat the clock to score again. Lamesa elected to gamble on a fourth down play and lost possession on the 50.

Wayne Fields, Johnny Janak and Stocks boomed to the 34, from which point Johnson sought out little Jerry McMahan with a nifty pass that carried to the 13. McMahan made a fine catch in the midst of a couple of would-be defenders. From that point Loudermilk took another pass and powered his way over, with two Lamesa players draped about him. There were seven seconds left on the game clock at the time.

Loudermilk bisected the uprights with the try for point to make it 19-7.

Lamesa scored again late in the third after Big Spring had been backed deep into its own territory and was forced to kick into the wind. Bobby Suggs punted to his own 22. The Torn maneuvered to the one, from which Middleton barreled through. Jones again delivered on the try for point and the score mounted to 19-14, Big Spring.

Earlier in the round, Middleton had stopped a Steer threat by intercepting a fourth down pass on his own 11.

Middleton was injured in the midst of Lamesa's last real thrust in the fourth and had to be removed from the game. Roger Shipp, L. W. Thurmond and Larry Marshall kept the drive going down to the one, however, before the Steers got tough and took over.

In the waning moments, Lamesa advanced as far as the Big Spring 23, following a 30-yard penalty call against Big Spring for pass interference but, on a fourth down try, Jan Loudermilk hurled Frankie McKinney to earth for an 11-yard loss and Big Spring crossed just into Lamesa territory when the final whistle blew.

Fields rode the sidelines much of the second half due to a leg injury. He played a fine offensive game, however, as did Stocks, Johnson and Suggs.

There was no better contribution than McMahan's big moment in the second quarter. Loudermilk was terrific on offense and defense. Bobby Lawdermilk turned in his finest performance on defense. He simply couldn't be moved out of a play. Glenn Whittington, Jerry White, Rickey Terry, Walter Dickinson and Bunky Grimes were others who glistened in the battle pits for Big Spring.

Janak looked like his old self carrying the ball. Johnny picked up 33 yards in nine carries. He boomed for 17 yards on one occasion and got it on another.

Big Spring's aerial game continued to look sharp, especially in the first half.

But everyone had to play second

fiddle to the officials, who acted as if they would prefer settling the outcome in a court of law. It was quite obvious they were of the school that believes the red flag was a "cure-all" for aching dogs and slowed-down reflexes.

Score by quarters:  
Big Spring 6 13 0 0-19  
Lamesa 0 7 7 0-14

## Nittany Lions Win Over Holy Cross

UNIVERSITY PARK, Pa., Oct. 13 (AP)—Penn State today crushed an out-clasped Holy Cross football team 43-0 to open its home football season with its second victory in three games.

Holy Cross at no time could get its attack functioning and it wasn't until late in the fourth quarter the Crusaders managed to invade Penn State territory.

## Reds To Italy?

NASHUA, N. H., Oct. 13 (AP)—Manager Birdie Tebbets of the Cincinnati Redlegs said today he'd like to take his team on a baseball barn-storming tour of Southern Italy in a year or two.

# Blue Devils Knock Off Ponies, 14 To 6

DURHAM, N. C., Oct. 13 (AP)—Ailing quarterback Sonny Jurgensen came off the bench today to provide the spark as twice-beaten Duke defeated Southern Methodist University 14-6. The intersectional football thriller was marked by 11 personal fouls and a total of 210 yards in penalties.

A crowd of 25,000 in sunny weather saw SMU go ahead 6-0 midway in the second period when Charlie Arnold of Dallas scored from the 2.

A 54-yard run by halfback Charles Jackson set up the touchdown. The red-headed Jurgensen, out of action the last two weeks with an injured knee, entered the game late in the second period and gave the Duke offense a shot in the arm.

The Blue Devils stormed 98 yards for a touchdown, a 38-yard pass play from Jurgensen to halfback Eddie Rushton setting it up on the 2. On second down, Rushton went over the 1 as the clock ended the half. Buddy Bass converted.

In the third quarter, Duke fullback, Hal McElhaney of Burgettstown, Pa., broke through the center of the line and went 32 yards for the second Duke touchdown. Bass again kicked the extra point.

Duke moved deep into SMU territory twice in the fourth quarter, once to the 8, and again to the 10. The drive to the 8 ended when SMU braced and took over on downs. The threat at the 10 was nipped when Bushton fumbled and SMU's Frank Smith recovered on the SMU 20.

Southern Methodist, a constant threat with its wide open, diversified offense, threatened in the early minutes of the game. With Arnold expertly directing the attack, the colorful Mustangs drove from their 28 following the kickoff to Duke's 22 before losing the ball on downs.

It was Duke's second victory against two losses. SMU, winner over Notre Dame and Missouri, had lost only to Georgia Tech, 9-7. The Mustangs were rated No. 14 in this week's Associated Press poll.

It was not until the second quarter that Duke's offense began to really move. The Blue Devils drove from their 27 to the SMU 33 before quarterback Bob Broadhead fumbled, and Harold Bittendener recovered for SMU.

Two gasoline stations and a motel kept Harry Gilmer, quarterback for the Detroit Lions, busy in the off season.

Three Army fumbles inside the Cadet 20 turned into Michigan touchdowns and the power-stacked Wolverines had only one sustained drive all day before the screaming crowd of 93,101.

Secretary of the Army Wilbur Brucker, a Michigan native, suffered with the Cadet rooters.

Colorless Grid Schedule Is On Tap Next Weekend

By The Associated Press

Just 13 undefeated, untied teams remain in the upper divisions of Texas Schoolboy football as the conference races open all along the line. The feature game this week will match Abilene and Waco in an intersectional clash.

This game at Waco Friday night isn't as important as had been expected because Waco was upset 40-23 by Fort Worth Arlington Heights to rob it of an undefeated, untied complexion. It still is the strongest opposition to date Abilene will encounter in its sweep toward another Class AAAA state championship.

Otherwise the schedule is rather colorless. None of the other unbeaten, untied outfits are expected to have full-blown opposition.

The Class AAAA roster of the unbeaten, untied was cut almost in half with last week's games, leaving Abilene, San Angelo, Amarillo Palo Duro, Dallas Highland

Thomas Day scored Knott's lone TD on a run of 20 yards in the first period. The half time score favored Klondike, 16-6.

Airhart scored all of Klondike's touchdowns.

Warren Wilburn and Day showed to advantage for Knott.

Clondike Humbles Knott Hill Billies

KLONDIKE, Oct. 13 (SC)—The Klondike Cougars humbled the Knott Hill Billies, 20-6, in a six-man football game played here Friday evening.

Coach Morris Molpus of Knott, his team hit hard by injuries, played new boys at several positions.

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## Cage Workouts Open In SWC

By The Associated Press

Basketball practice opens in the other ten all-star game that will use 10 players Nov. 5 no games will be played before Dec. 1.

The all-star squad meets the U.S. Olympics Team in Dallas Nov. 5. Those to play are Terry Day of Arkansas, Jerry Mallett of Baylor, George Mehaffey of A&M, Dick O'Neal of TCU, Ray Downs and Normal Hooten of Texas, Gary Thomas and Temple Tucker of Rice and Jim Krebs and Bobby Mills of SMU.

Practice starts 15 days earlier than usual this year under an NCAA rule that bans spring training but allows regular practice to open Oct. 15.

SMU, champion two years in a row, will be on the spot again. The Methodists have three regulars — Krebs, Mills and Larry Showalter — back from the team that went to the NCAA semi-finals last winter. There also are two other lettermen and some promising sophomores along with a junior college transfer, Ned Duncan, who starred at Kilgore.

Rice and Texas will be expected to furnish SMU the most competition. Baylor, A&M, TCU and Arkansas all are expected to be improved.

Texas has all its starters back while Rice lost only one veteran — Joe Durrenberger. The Owls picked up some of the top schoolboy stars, including Tommy Robitaille of Graham, who is 6-8, and Gary Griffin and E. J. McIlvain of Pampa and W. A. Preston of Houston.

The Los Angeles Club won the 1956 Pacific Coast League pennant by 16 games over Seattle. The Angels, managed by Bob Sheffing, won 107 games.

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- '52 DODGE 1/4-ton Pickup. Has heater, deluxe cab and trailer hitch. \$535
- '51 PLYMOUTH Cambridge 4-door sedan. Equipped with radio and heater. Dark green color. \$385
- '50 PLYMOUTH Special Deluxe 4-door sedan. Has heater. \$265
- '53 PLYMOUTH Cranbrook 4-door sedan. Has radio, heater and overdrive. Light grey color.
- '51 FORD V-8 2-door sedan. Has radio, heater, nearly new white wall tires. \$465
- '49 CHEVROLET Club Coupe. \$165

**JONES MOTOR CO., INC.**  
DODGE • PLYMOUTH  
101 Gregg Dial AM 4-6351

**THE BEST FOR LESS**

- '54 PONTIAC Star Chief custom 4-door sedan. New clean, low mileage. Equipped with it all. \$1395
- '54 MERCURY 4-door sedan. Fully equipped, PLUS air conditioning. \$1650
- '53 OLDSMOBILE '88' Holiday coupe. Full power and air conditioning. \$1650
- '54 CHEVROLET '210' 2-door sedan. Nice and fully equipped. \$950
- '53 CHEVROLET 2-door sedan. Radio and heater. \$795
- '51 CHEVROLET 4-door sedan. Radio, heater and power glide. Extra nice. \$495
- '52 CHEVROLET Pickup. \$595
- '50 FORD Pickup. \$375

20 OTHER CARS PRICED TO SELL

**BIG SPRING MOTOR CO.**  
4th at Johnson Dial AM 4-7351  
A. D. WEBB ROY TIDWELL

**ALL 1956 MODEL MOBILE HOMES SLASHED 15% TO 20% FOR IMMEDIATE SALE**  
35 to 50 Ft. Two Bedroom Models. Westinghouse Automatic Washing Machines Only \$170 Installed. This Price Is With No Trade-In. Only 1/4 Down—Balance Financed Up To Five Years.  
Your Spartan, Great Lakes and Magnolia Dealer.

**BURNETT TRAILER SALES**

1603 East 3rd Dial AM 4-7632

**AUTOMOBILES** M  
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**X-SEL BATTERIES**

Group One  
6-Volts ..... \$6.95 Up

Group Two  
12-Volts ..... \$11.45 Up

Exchange  
12 Months Guarantee

**COSDEN SERVICE STATION NO. 1**  
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**MOTORCYCLES** MS10

SEMPLEX MOTORCYCLE, 8168; 1953 Plymouth, Western Auto Store, 206 Main, Dial AM 4-6241.

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**NOW IS THE TIME TO GET YOUR FALL CHECKUP!**  
Come in before you have a breakdown! WE USE GENUINE IHC PARTS

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Lamesa Highway Dial AM 4-5284

**SELECT USED CARS BACKED BY \$1,000,000 BOND**

- '55 FORD V-8 Mainline 2-door sedan. This one has only 14,000 actual miles. If you're looking for a nearly new car, look no further.
- '51 HUDSON Hornet convertible. Radio, heater and hydramatic drive. Brand new tires. This is an extra clean car you would like to own.
- '52 JEEP, 4 wheel drive and heater. Excellent condition. If you're looking for a bargain this is it.
- '56 NASH Rambler Hardtop. Equipped with radio, heater and air conditioning. This is a demonstrator and has power all the way. We will sell this one to you at a big savings.
- '51 NASH RAMBLER Hardtop. Has radio, heater and overdrive. 35,000 actual miles. It's one clean car. Very few like it.
- '51 HUDSON Hornet 4-door sedan. Equipped with radio, heater and hydramatic drive. This is a car that made everybody stop and look. It's perfect and will make you a good family car.
- '50 FORD 4-door. This one has radio, heater and overdrive.
- '48 CHEVROLET 2-door. Equipped radio and heater. Clean.
- '47 STUDEBAKER 1 1/2-ton truck with dump body. Very good condition. Bargain.
- '45 INTERNATIONAL 1 1/2-ton truck. Good condition. Very reasonable.

**Lockhart-Collins Nash, Inc.**  
1107 Gregg Dial AM 4-5041

**DISREGARD PRICES EVERY CAR MUST BE SOLD MAKE AN OFFER**

- '56 MERCURY Montclair Phaeton Sedan. New.
- '55 MERCURY Monterey Sport Sedan.
- '55 FORD Customline Sedan.
- '54 MERCURY Monterey Sedan. Overdrive.
- '54 MERCURY Monterey Sport Sedan. Clean.
- '54 FORD Custom Sedan. Tops.
- '54 CHEVROLET Bel-Air. Power Glide.
- '54 CHEVROLET Bel-Air. Air conditioned.
- '54 PONTIAC Catalina Hardtop. Spotless.
- '53 LINCOLN Capri Hardtop Coupe.
- '53 BUICK Super Sedan. Like New.
- '52 BUICK Hardtop Riviera. Sparkles.
- '52 OLDSMOBILE '88' 4-door Sedan.
- '52 FORD Custom V-8 Sedan.
- '51 FORD Club Coupe. Like new.
- '51 CHEVROLET Fleet-Line Sedan.
- '51 MERCURY Custom Sport Sedan.
- '51 FORD Custom Sedan.
- '50 FORD Club Coupe. Solid.
- '50 CHEVROLET Fleet-line 4-door Sedan.
- '50 FORD Custom V-8 Sedan.
- '50 BUICK Super Sedan. Solid.
- '50 OLDSMOBILE '88' Sedan. Nice.
- '49 FORD Club Coupe. Good.

**EVERY CAR LISTED IS A QUALITY CAR "ASK YOUR NEIGHBOR"**

**Truman Jones Motor Co.**  
Your Lincoln and Mercury Dealer  
403 Runnels Dial AM 4-5254

**CREAM OF THE CROP**

- '55 OLDSMOBILE Super '88' 4-door. Has radio, heater, hydramatic and white wall tires. \$1895
- '54 PONTIAC 2-door sedan. Radio, heater and white wall tires. \$995
- '52 MERCURY 4-door. Has radio, heater, Mercomatic and white wall tires. \$385
- '55 FORD V-8 2-door. Has radio, heater, two tone red and white wall tires. \$1695
- '53 BUICK Special Hardtop. Fully equipped. \$1095

**R. E. RHOADES MOTOR SALES**

610 West 4th - Dial AM 4-5471

**EDDIE MILLER IS BACK AND McEWEN MOTOR HAS HIM!**

We Invite All His Friends And Customers To Come Down To The

**Red House Of Bargains And Say "HOWDY"**

We Are Featuring Good, Clean, Late Used Cars

**AT HUGE SAVINGS**

Don't Be Too Late To Take Advantage Of These Values!



Buy Your Used Cars At The **RED HOUSE OF BARGAINS**  
**McEWEN MOTOR CO.**  
901 S. GREGG BUICK-CADILLAC DIAL AM 4-4333

**Winterize Your Ford NOW!**

AT THESE LOW PRE-SEASON PRICES

**COMPLETE LUBRICATION**  
Pack Universal Joints  
Lubricate Chassis, Pack Front Wheel Bearings,  
Change \$11.88 Change Engine Filter Oil  
Includes Oil, Grease, Filter Element CHECK  
Battery And Battery Cable, Service Air Cleaner, Change Lubricant In Rear Axle, And Standard Or Overdrive Transmission

**ENGINE TUNE-UP**  
Clean, Test And Space Spark Plugs, Replace Ignition Points And Set Timing, Inspect Distributor Cap  
Clean Fuel Filter \$13.90 Adjust Fan Belt  
Plus Parts  
Clean And Adjust Carburetor, Adjust Valve Tappets.  
ADDITIONAL CHARGE FOR 4 BARREL CARBURETOR \$3.70  
8 Cylinders '54 Through '56

**PERMANENT ANTI-FREEZE \$2.48 PER GALLON — INSTALLED.**

**BRAKE SPECIALS**  
Reline Brakes  
Pack Front Hubs \$18.80 Adjust Hand Brake  
Parts And Labor  
Check Wheel Cylinders And Grease Seals For Leaks

**FRONT-END ALIGNMENT**  
Check Caster, Camber And Toe-Ins  
Center Steering Wheel \$5.60 Adjust Front Wheel Bearings  
INSPECT FOR WORN OR DAMAGED PARTS

**TARBOX - GOSSETT**

500 W. 4th Dial AM 4-7424



## 30 County Cases Are Disposed Of

Of the 40 cases tentatively scheduled for trial at the recent Howard County jury criminal docket, which closed Friday, thirty were disposed of in one way or another, according to Harvey J. Hooser, Jr., county attorney.

Ten, he estimated, had to be continued to later terms. An equal number, he said, were dismissed. Most of these were dismissed for the reason that the complaining witnesses in the case could not be located or refused to testify.

Six other cases were thrown out of court due to the fact the complaints were found to be defective. Several defendants pleaded guilty when their cases were called for trial.

One defendant was convicted by

a jury verdict. Another was acquitted by a jury.

An equally sizeable docket is to be prepared for the next term of jury court which has been set for the first week in January, Hooser said.

In the meantime, he indicated that he would comb through the accumulated file of cases and secure dismissal of a considerable number which are two years old or older and where it highly improbable that prosecution could be successful.

A considerable number of cases classified as "hopeless" are worthless check charges where the defendant has never been identified nor apprehended.

## Old Copper Jar Supports Lone Wolf Indian Legend

By TOM JAY GOSS II  
COLORADO CITY, Oct. 13 — In the early 1900's storied Lone Wolf Mountain was a favorite spot for a Sunday outing for Mitchell Countians. The two little hills known as "Lone Wolf Mountain" were an easy buggy ride from Loraine and were choice picnic and courting spots.

Many a hardboiled egg has been nibbled atop its quartzite strewn peak, and many a gay blade has bussed a future bride after a climb to the top.

In earlier times, the twin peaks served as a landmark to explorers and traders who breasted the knee high grass that covered the county. Indians used the place as a lookout and evidently tried to shape the native quartzite into tools and weapons. This probably took some doing if the attempts were successful since the fine grained rock would ordinarily produce an edge about as sharp as the round end of a ball peen hammer.

According to legend the peak was named for Chief Lone Wolf, and his body — with all his treasures — was supposedly buried there. This appears doubtful, since the Kiowa chieftan who led his warriors in a gallant bid for his homeland in 1874, was defeated and deported to Florida.

The legend, however, led to numerous attempts to uncover his grave, and the hillsides presented a pockmarked appearance for many years as treasure hunters sought his hidden wealth.

Somebody was buried there, however, as Frank Stevenson of Abilene will testify. Stevenson grew up near the two mountains — one was on the Stevenson farm — and in about the mid twenties, some of the family found a metal object which had been uncovered by the hot Texas winds. The object was uncovered and found to be a jar of hammered copper, weighing about three and a quarter pounds. Stevenson says that bones were found under the copper pot, and that the jar was full of black stones and beads. The stones and beads and bones were lost during the passage of years, but Stevenson has the pot — which is likely several hundred years old.

J. B. Frazier, science teacher at Howard County Junior College, said the jug might be Spanish or Indian. "The thing is of typical Indian design," he said. Coronado was said to have been in the area over 400 years ago, and Frazier says that Indians made copperware at that time and earlier. "It was the finding of copper ornaments that led to the search for the Seven Cities of Cibola," Frazier added.

The late John R. Bannister, once a Texas Ranger stationed in Mitchell County, has said that Buffalo Bill hunted around Lone Wolf Mountain in 1881. Bannister said that in 1881 Bill Cody approached Lee Campbell, who was camped



FRANK STEVENSON WITH OLD JAR ... found on one of Lone Wolf peaks.

at the foot of the mountain with a herd of cattle, with the proposition of hunting turkey and antelope around his camp and sharing in the profits.

Buffalo Bill rode to Loraine and made arrangements to send the game to Fort Worth and Kansas City packing firms. After a season's hunting, Cody left for Wyoming. In Buffalo Bill's autobiography, he is silent about his whereabouts at this time, and it is possible that the great buffalo hunter operated as a market hunter in Mitchell County.

## Three Accidents Occur On Friday

Accidents Friday numbered three and one occurred early Saturday. William John King, 315 Mesquite, and Lillie Harrell Whately, 1100 Ridgeroad, collided in the 500 block of West Third. At Fourth and Gollad, Willie Newton Wood, 1701 Jennings, was in collision with Wilma Bailey Fenton of Ellis Homes.

Also Friday, Elvion Reed Dossie,

402 NW 3rd, and Dee Randle Manning, 809 NW 4th, were involved in an accident at 402 NW 3rd.

Early Saturday morning, Lloyd Allen Lindsey, 207 Mesquite, and Roland Reese Crabtree had an accident at Third and Main.

## Billfold Turned In

Teddy Groehl brought to the police station Friday a billfold that he found on a vacant lot at Fifth and Douglas. It contained identification papers of Leo Tucker.

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## Pajamas by Jayson

We have an excellent selection of sleeping attire for you and for gifts... Stripes, solids, plaids and polka dots... See them.

from \$5.95

**Elmo Wasson**

Petroleum Building

Dial AM 4-7341

## Convertible Top Is Slashed By Vandals

Policemen had a report of a new type of vandalism last week. James Shannon, 810 Douglas, reported that the canvas top on his 1955 Ford convertible was slashed. He reported the incident to police Friday but said the trouble occurred Oct. 6.

# SALE

## On Fall Cotton Dresses

Monday, Tuesday and Wednesday

Regular	Now
8.95 DRESSES	5.99
10.95 DRESSES	7.99
12.95 DRESSES	9.99
14.95 DRESSES	10.99
17.95 DRESSES	13.99
19.95 DRESSES	14.99
22.95 DRESSES	16.99
24.95 DRESSES	17.99
29.95 DRESSES	22.99
35.00 DRESSES	24.99
39.95 DRESSES	26.99

Save On These Lovely Fall Cottons



204 Main

Black is Back  
Featuring  
A Magnificent Group  
of  
Attractive Black Hats  
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...one of America's  
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FOR THE CANCER ASSOCIATION, members of the Sew and Chatter Club make bandages at their meetings twice a month. Old sheets, such as the one shown, are used. Mrs. S. R. Nobles, Mrs. Tom Rosson, Mrs. R. F. Bluhm and Mrs. C. Y. Clinkscales, left to right, wait for Mrs. Lawrence Robinson to divide the material for work. The association is one of the 10 agencies affiliated with the United Fund.



A QUILTING BEE, held by members of the Ladies Home League of the Salvation Army, turns out coverings for needy families. The organization meets every week at the Dora Roberts Citadel to quilt or to sew, and their products are distributed to those who require help. In return, the Salvation Army receives help from the United Fund. In the picture, Mittie Peters watches as tiny quilting stitches are taken by Mrs. J. R. Kirby, Mrs. Lewis Blackshear and Mrs. A. E. Madewell.



REFRESHMENTS DELUXE are usually in the making at the Service Men's Center, one of the agencies financed by the United Fund. Theresa Moreau, daughter of A-1C and Mrs. Ernest Moreau, wants to get her finger in the pie — excuse, please — the punch, which her mother is making. A-1C George Broussard watches proceedings as his wife salts the popcorn, freshly popped.

# Everybody Helps . . . . Everybody Gives . . . .



Pictured on this page are many people who give generously of time and talents, in the spirit of helping others. They were volunteers for some of the ten welfare and youth guidance agencies which are financed throughout the year by participation in the United Fund. Thus, a gift to the United Fund means assistance for all these programs. The UF's campaign is under way now. Its success depends upon whether or not everybody gives.

(Photos by Keith McMillin)



WHAT'S HALLOWEEN WITHOUT BLACK CATS, WITCHES AND PUMPKINS? ask Mrs. R. E. Hoover, at left, Mrs. J. E. Hendrick and Mrs. Bob Clark as they prepare decorations for a party. Members of the United Council of Church Women, they will entertain at the Westside Recreation Center this month as part of the effort given by women of the First Christian Church. Various churches take part in giving assistance at the center. Financial help is extended through the United Fund.



SUMMER RECREATION is under supervision of the YMCA and is one of the participants in the United Fund. Johnny Johnson, center, basketball coach at Big Spring High School, referees a game between boys from the Kate Morrison playground and the Lakeview School playground. Other recreation centers were established at Junior High School, Washington Place School and the Westside Recreation Center.

**BIG SPRING DAILY HERALD**

SEC. II BIG SPRING, TEXAS, SUNDAY, OCTOBER 14, 1956 SOCIETY

# HI--TALK

By CAROL ROGERS



Nancy King steps into the spotlight as senior-of-the-week. Well liked by her classmates, Nancy was chosen vice president of her class this fall. In her sophomore year, she was runner-up for class favorite.

Nancy is interested in yearbook work and has been a member of the El Rodeo staff for three years. She served as a junior editor last year and is serving as ac-

by the Senior class was a huge success. Some of those enjoying the "rock and roll" music of "Round-up of Rhythms" were Danne Green, Leslie White, Barbara Dunham, Bill Rosser, Gerald Lackey, Peggy Isaacs, Blanton Dees, Brenda Gordon, Donald Lovelady, Sharon Creighton, and Glen Jenkins.

Sammie Sue McComb was selected to fill the office of president of the Spanish Club this year. Lou

Good deeds do not go unrewarded.

ed. This was proven in BSHS last week as the United School Drive began. The goal was \$1 per student and each home room with that average is entitled to take part in a party to be held in the cafeteria next week. The United School Drive, held Oct. 8-12, is a combination of all the charitable organizations which students normally support.

The 1957 El Rodeo subscriptions will go on sale Monday morning. You may purchase your annual from any member of the annual staff. If you buy now, the price will be only \$5, but if you wait until after Christmas, the price will be \$6.00. El Rodeos will not be available in the spring so purchase yours now.

Induction of Tri Hi Y members will be held at the regular meeting Monday night. Beginning at 7, the ceremony will take place in the First Methodist Church.

Sammie Sue McComb was selected to fill the office of president of the Spanish Club this year. Lou

Ann White will assist her as vice president, and Kathleen Thomas will serve as secretary-treasurer. The local FTA chapter will meet Tuesday evening in the study hall at 7 o'clock and all members are urged to attend.

It's not too late to join the A capella choir. Contact Mr. Bill Dawes if you are interested in joining the organization male voices will be especially welcome. Do you have a favorite record? If so, tell Valjean LaCroix or Gay Bounds and they will play it for you on Saturday morning Valjean and Gay are now dj's for "High School Headline" which comes over KBST every Saturday morning at 10.

Are you interested in being in the fall play, "Dear Ruth"? If so, why not try out? The try-outs will be held Oct. 22-24. Rehearsals will begin Oct. 29, and the play will be presented sometime in December.

Let's all back the Steers at Kermit Friday night!

## COSDEN CHATTER

### State Fair Visited By Groups Of Employees

Mr. and Mrs. Johnny Allison, Mr. and Mrs. Art Madewell and Mrs. Rosa Balch spent last weekend in Dallas at the State Fair. They attended the stage play, "Damn Yankees," at the fair.

Mr. and Mrs. Dee Thomas spent the weekend in Dallas attending the State Fair.

Mr. and Mrs. Kelly Lawrence attended the State Fair in Dallas over the weekend.

J. H. Sheats returned to work Monday after an illness.

Evelyn Merrill spent the weekend in Midland visiting friends.

John Kelly spent two days last week in Albuquerque, N. M., on company business.

Bob Records of the geophysical

department spent a portion of his vacation with his mother in Fort Worth, where she underwent surgery.

Paul Collier of Midland visited the Cosden offices last week. Mr. and Mrs. Harmon Smith, Mr. and Mrs. Eugene Deaver, Brad Bradford and Jo Gregory spent the weekend at Possum Kingdom.

Bob Rodkey of Abilene visited the Cosden offices last week. R. W. Hallbrook and George Zachariah spent the first part of the week in Ogden, Utah.

Mr. and Mrs. Slick Boatler are spending a week at the State Fair in Dallas.

Don Hale is spending a week in

Colorado on a deer hunt. Joe Roberts and Ot Flynn spent a week at Port Isabel fishing.

Mr. and Mrs. Ray Ritchie are spending the weekend at Gatesville.

R. W. Hallbrook is taking a week of his vacation and making plans for remodeling his home.

The following visitors were reported in the engineering department during the week: Bill Spero of Vinson Supply Company, Odessa; W. D. McLaren of I. W. Hynd Company, Midland; C. G. Sanford of Sanford Sales & Service; H. P. Smith of Wyatt Metal & Boiler Works; Tom Reynolds of Graybar Electric Company; John Reynolds of Industrial Instruments, and Chester Cluck of Texas Electric Company.

The following refinery employees are on vacation: George Phillips, C. A. McDonald, Aubrey Armistead, Keats Watts, Alfred Goodson, Thos. G. Harvell, Billy W. Carlile and M. A. Lilly.

## Newcomer Officers Feted At Reception

A formal reception was held at the Officers' Club at Webb AFB Friday evening. Calling hours started at 8 p.m.

Guests were introduced to the recent officer newcomers to the base. Those honored were Col. and Mrs. Raymond J. Downing, M&S group commander; Lt. Col. and Mrs. Alvin L. Holman, wing inspector; Lt. Col. and Mrs. Leslie Garrett, wing personnel officer, and Lt. Col. and Mrs. Clyde Johnson, wing operations officer.

## 80th Birthday

LAMESA — Mrs. J. H. Standefer, a resident of Dawson County since 1914, celebrated her 80th birthday Tuesday afternoon, when friends surprised her at the home of her daughter-in-law, Mrs. Luther Standefer.



NANCY KING

activities editor this year. She has been a member of Tri Hi Y, F.H.A., the Spanish Club, Rainbows, and the Dramatic Club, during the past three years.

Nancy is active in the first Christian Church where she is now serving as enlistment chairman of Christian Youth Fellowship. Her future plans include graduation from the University of Texas.

Richard Tucker presided at the meeting of the Dramatics Club Friday afternoon in the auditorium. The members discussed a permanent name for the club, but decided to wait longer before making the final selection. The organization selected Carol Rogers as reporter. A short skit on "What Should Not Happen" was given. The club will meet again Oct. 31.

Celebrating the Friday night victory at the DeMolay sponsored dance were Barbara Shields, Ronnie Phillips; Sheila Holmes, Bunky Grimes; Opal Hancock, Billy Johnson; Carlene Coleman, Edward Slate; Mary Lane Edwards, Lefty Reynolds; Sue Barnes, Ricky Terry; Judy Cauble, and Walter Dickenson. The dance was held at Tarbox-Gossett Motor Company.

A pep rally was held Friday afternoon in the gym. The cheerleaders, Loy Ann White, Sue Boykin, Sue Barnes, Sammie Sue McComb, Valjean LaCroix, Judy Reagan, and Toni Thomas, presented a skit entitled "Who Did It?"

The A football team really "lived it up" last week in Fort Worth at the Arkansas-TCU game. The Big Spring Quarterback Club Club sponsored the trip for the boys, who were accompanied by their coaches.

A new club has been organized in BSHS. This a chapter of the state-wide Junior Historian Club. Students of coach Yates' American and Texas history classes are participating in the organization. The club plans to study local historic landmarks and compete in the various contests open to members and sponsored by the club. Future plans also include a trip to Austin for some of the members.

Seniors are settling down to usual routine now after over a week of showing off their brand new senior rings. The rings arrived Oct. 3 and brought with them the true feeling of being a senior.

A treat was really in store for the students leaving for the Texas State Fair Friday. Some of these attending were Charles Dunham, Wayne Fields, Bounce Covert, Buddy Barnes, Hershel Stocks, Frank Powell, and Donnie Bryant.

Have you noticed a change in the appearances of the Senior Tri Hi Y members? You should have, because they witnessed a makeup demonstration Monday night at their meeting. The demonstration was given by Kay Jamison, who attended John Robert Powers Modeling School in Dallas last summer.

The officers of the Tri Hi Y and Hi Y clubs traveled to Odessa Saturday to attend the area officers conference. The group, accompanied by its sponsors, studied Y activities and principles.

From the size of the crowd Friday night at the Jet Drive-In Theater, the midnight show sponsored

## Use Leftover Beets

A portion of leftover beets may be added to an envelope of onion soup to advantage. If the beets are sliced, chop them; if they are shoestring shape, leave them as is. Make up the soup according to package directions and simmer the beets (with any sauce) with it, then add sugar and lemon juice to taste. Serve with a topping of sour cream, if it is available, or with whipped cream to which salt and a little lemon juice has been added.

## Make Bacon Curl

Know how to make a bacon curl? As each slice of bacon is removed from the skillet after cooking, twist it around a fork.

## Pelletier's

113 E. 3rd



Fidgety-Digity Typist



Pram-Pushing Mother



Hon. Jr. Exec.



Proud Cake-Baker



3-R Teacher

Extra-Curric Co-ed

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ENJOY Your Purchase WHILE You Pay!

Here is how it works! Make your purchase . . . pay nothing down. Your first payment is not due until the 10th of the month following. Then you pay the balance in two easy, equal payments in the two following months. (Also remember . . . you can add to your first purchase. The remaining balance is payable in 3 months).

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Application for a PELLETIER Charge Account  
113 E. 3rd, Big Spring, Texas  
I want to open a PELLETIER Shoe Account:

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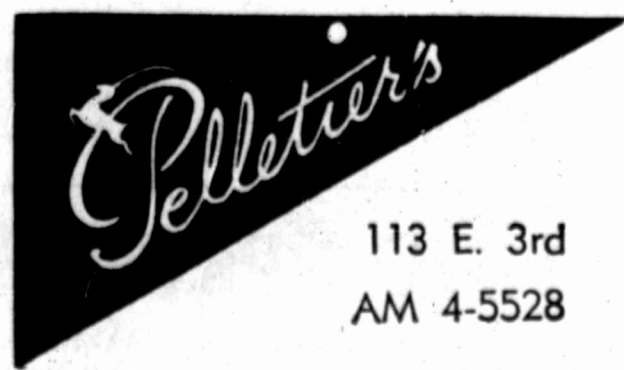
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Just mail the coupon We'll do the rest . . . or phone AM 4-5528, ask for Mrs. Harrold our Personal Shopper.

No waiting for change . . . simplifies budget keeping with itemized statements . . . simplifies ordering by phone or mail . . . immediate identification . . . you receive advance notices of fashion events and sales . . . like a bank account . . . a PELLETIER account is good reference. We invite you to pick up your pen right now, so that we can welcome you to the thousands who enjoy the advantages of a PELLETIER shoe account



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lett, Mrs. Ralph Baker, Mrs. Roy Townsend, Mrs. E. H. Bouillon, Mrs. Steve Baker, Mrs. Lloyd Wasson, Mrs. Jess Wilbanks and Mrs. R. P. Kountz.

**WEDDING TRIP**  
For a trip to Santa Fe, N.M., the bride chose a suit of Ascot gray wool and wore a gray pill-box hat. Upon their return, the two will make a home here.

Mrs. Worthy is a graduate of the University of Texas and has a medical degree from Tulane University. She was a member of Zeta Tau Alpha Sorority. She is now associated with her father in the Big Spring Clinic.

The bridegroom, a graduate of Baylor University, was a member of Alpha Delta Sigma. He is employed at Westex Oil Company.

Out-of-town guests were Mr. and Mrs. Rollin Bishop of Waco, uncle and aunt of the bridegroom; Mr. and Mrs. Ralph Davidson of Midland; Mrs. Harvey Brooks and Mrs. E. A. Fletcher of San Antonio; Mr. and Mrs. E. N. Bea of Pottsville, and Mr. and Mrs. Dixie Kilgore of Lamesa.

**Lamesa High School Class Offices Filled**

LAMESA — During activity period recently at Lamesa High School, officers were elected by the classes.

Elected as president of the senior class was Kenneth Hubbard; vice president, John Middleton; secretary, Beverly Brewer; treasurer, Lucille Agee and recreation chairman, Roger Shipp.

Jay Claiborn was elected president of the junior class; Jim Martin, vice president; Nancy R. A. secretary; Larry Anthony, treasurer; social chairman, Cleta Woodul and Bobby Clement.

For the sophomore class Larry Marshall will be the new president; Bill McCulloch, vice president; Jay White, secretary; Billy Addison, treasurer; social chairman, Alma Ann Agee.

Freshman class president is Nat Self; vice president, Kirk Wiggins; secretary, Kay Edwards; social chairman, Martha Ann Ransom and Joan Tarter.

**Miss Bennett, Jerry Worthy Exchange Wedding Vows Friday**

Of wide interest in Big Spring and the surrounding area is the wedding of Louise Ann Bennett and Jerry Needham Worthy, which took place at St. Mary's Episcopal Church Friday evening.

The bride is the daughter of Dr. and Mrs. M. H. Bennett; the bridegroom, is the son of Mrs. Roy Worthy of Donie and the late Mr. Worthy.

The Rev. William Boyd, rector of the church, read the double ring vows as the couple knelt on a brocaded white satin pillow.

Seven-branched candelabra with sunburst arrangements of white gladioli and king asters flanked the altar; here, were placed four alter vases of white gladioli and asters before a background of cathedral tapers.

Choir stalls were decorated with additional candelabra and emerald fern, while baskets of matching altar flowers marked the entrance to the choir aisle.

White satin ribbon designated pews for the couple's families, and a carpet of white covered the bridal pathway.

A prelude of organ music, played by Elsie Willis, included "Jesus, Priceless Treasure," and "Blessed Jesus, At Thy Word," both by Bach; "Jesu, Joy of Man's Desiring" and "Adagio," by Correll.

Miss Willis accompanied the church choir as members sang the processional, "Oh, Father, All Creating" and also, "O, Perfect Love." Mrs. Don Newsom sang "Entreat Me Not To Leave Thee," by Gounod.

**BRIDAL GOWN**

Dr. Bennett gave his daughter in marriage. She wore a bridal gown of imported hand-dipped Chantilly lace, blush pink. The molded bodice, on long torso lines,

was fashioned with a wide decollete neckline, scalloped in the pattern of the lace. Long sleeves were scalloped in the same manner.

The full skirt, with sheath front, swept into a court train of lace over tulle.

A circle of crushed silk illusion, in blush pink, was bound with ropes of pearls; to this were attached tiers of illusion for a veil extending to her waist.

The bride carried a white prayer book belonging to her mother. This was under a white cattleya orchid with a purple throat combined with lily-of-the-valley sprays.

Something old was a button from the wedding gown of the bride's grandmother, the late Mrs. H. W. Leeper; her bridal attire was new; a blue bow was sewed inside her dress. Borrowed was a four-leaf clover, the property of Mrs. William Thornhill of South America.

Iridescent gray satin made the waltz length frocks of the matron of honor, Mrs. Bill Neal, and the bride's matron, Mrs. George O'Brien Jr. of Midland. The bodice of each dress was accented with a panel, which ended just below the waistline. The brief sleeves were complemented with white kid gloves.

Both attendants wore matching velvetene bandeaux featuring flat bows and streamers in the back. They carried hand styled bouquets of Roman glory roses, designed with natural stems of wheat. Garlands cascaded down the front of each skirt.

Serving the bridegroom as best man was Ted O. Groebel. The groomsmen was his brother, Bob Worthy of Buffalo. Guests were seated by Bernice Coughlin, Dan Krausse and Ike Robb.

Taper lighters were Bennett

**RECEPTION**

A reception at Cosden Country Club followed the wedding ceremony. The couple was assisted by their parents in receiving guests, Mrs. T. E. Helton, aunt of the bride, was at the register.

A floor length cloth of fortizan sheer, hand brocaded, covered the table of the bride. A hand pleated flounce edged the cloth, which was placed over white taffeta.

In the center, was a five branched silver console, decorated with gardenias, stephanotis and silvered maidenhair fern. Sweetheart arrangements of the same flowers were placed at intervals on the table. A similar arrangement decked the registry table.

Miniature replicas of the wedding party were used on the three-tiered cake, which was formed with a scalloped cake as the base. White frosting roses with white satin leaves completed the decor.

Members of the house party were Mrs. G. T. Hall, Mrs. Harry Hurt, Mrs. Adolph Swartz, Mrs. E. V. Spence, Mrs. Marie Carter, Clara Secrest, Mrs. Ova Mae Edwards, Mrs. Champ Rainwater, Mrs. E. L. Powell, Mrs. Obie Brantow, Mrs. Dixie Kilgore of Lamesa, Mrs. Carl Strom and Mrs. John Hodges.

Also, Mrs. Robert Whipkey, Mrs. Ira Thurman, Mrs. E. H. Hatch, Mrs. W. B. Hardy, Mrs. Jack Y. Smith, Mrs. E. P. Driver, Mrs. Clyde Thomas Jr., Mrs. Maurice Koger, Mrs. W. W. Inkman, Mrs. Shine Phillips, Mrs. Floyd Mays, Mrs. G. H. Wood, Mrs. Robert Parks, Mrs. R. H. Weaver, Mrs. Dan Krausse.

And Mrs. James Duncan, Mrs. Ike Robb, Mrs. J. Y. Robb, Mrs. Groebel, Mrs. Coughlin, Mrs. Sonny Edwards, Mrs. Raymond Tol-



MRS. JERRY NEEDHAM WORTHY

**'ROUND TOWN**

With Lucille Pickle

Professionally, things are looking good for HELOD BLOUNT. Always a talented performer, she has now taken over Susan Johnson's role in "The Most Happy Fella" which is one of the leading female roles in the Broadway show. This is the part she has understudied since late summer and knowing Helon as most of us home town folk do, we'd say she has what it takes to get to front and center she gets the high spot!

The talk will be flying thick and fast this week when MR. AND MRS. IKE PHILLIPS of Memphis, Tenn., arrive for a visit of several days with friends here. The Phillipses made their home here for several years and have a number of friends in Big Spring. They will be houseguests of Mr. and Mrs. J. C. Pickle. They are expected Monday.

MR. AND MRS. JACK IRONS and their three sons are in Paducah spending the weekend with his parents, Mr. and Mrs. W. E. Irons.

We're sorry to lose the BILL COXES as residents of Big Spring. They, with daughter, Linda Kay, are moving to Odessa. He plans to maintain an interest in several local organizations, so I hear.

MR. AND MRS. JAMES R. LINE and daughter, Meridy, are vacationing in Topeka, Kan. During their trip, they have also spent some time in Bartlesville, Okla.

DR. AND MRS. AKIN SIMPSON are to be in San Antonio tomorrow to attend the national meeting of the Veterinary Medical Association. Mrs. Simpson will serve as a hostess for a tea at the St. Anthony Hotel Monday afternoon for wives of the members. They will be in San Antonio through Thursday.

Things have quieted down at the

**Church Council In District Meeting**

Local women of the Church Council joined groups from Lubbock, Colorado City and Snyder Friday for a meeting of the district council. Friday sessions were held at St. Paul Presbyterian Church, Mrs. George M. Boswell of San Angelo, speaking to the gathering on religion in the Holy Land and the Far East, told of her travels in those countries. She reminded her listeners that we should know more about the religions of those peoples for a better understanding of them.

A covered dish luncheon was served at the church. During the afternoon business meeting, Neil McFall of Abilene was elected first vice president. Mrs. A. W. Partaine of Lamesa was chosen second vice president; Mrs. T. L. Huckleby of Snyder was elected secretary-treasurer.

The president will be selected by the executive board. Abilene was chosen as the place for the annual meeting in 1937.

J. D. JENKINS home after a reunion of the family of MRS. T. J. WILLIAMS was held there recently. Mrs. Williams is the mother of Mrs. Jenkins. All six children of Mrs. Williams were here and there were also 13 grandchildren and eight great-grandchildren present. They were from Odessa, Hobbs, N. M., Lometa, Calif., and Hot Springs, Ark.

MR. AND MRS. JOHN RUDESEAL and MR. AND MRS. LYNN WEBB are in Dallas where they attended the OU-Texas game and also saw Cinerama. They had hopes of getting tickets to "Damn Yankees" . . . from my listening post, I hear that this musical is not as good as most that are booked for the State Fair.

Back home and settled down after a pleasant fall trip to Akron, Ohio, are LT. AND MRS. GENE KUHENS.

DR. AND MRS. W. B. HARDY are in Nashville, Tenn., where they will attend the homecoming activities at Vanderbilt University. On their return trip they plan to visit relatives of Dr. Hardy in Kentucky.

**President's Cake Recipe**

Here's how you can have the equivalent of the cake which will be served to the President and his family today in observance of his 66th birthday anniversary; use the recipe for his favorite cake.

**PRESIDENT EISENHOWER'S FAVORITE CAKE**

Ingredients:  
1/2 cup butter  
2 cups of sugar  
3 eggs  
1 cup sour milk  
2 1/2 cups sifted flour  
1 teaspoon baking soda  
1 teaspoon baking powder (rounded)

2-3 cup cocoa (dissolved in half cup of boiling water)  
1/4 teaspoon salt  
1 teaspoon vanilla

Method:  
Sift flour, soda, baking powder and salt; cream the shortening, slowly beat in sugar, add egg yolks and vanilla. Add cocoa; add flour mixture alternately with the milk. Fold in stiffly beaten egg whites.

Pour into two greased layer cake tins. Bake 25 minutes in 375 degree oven.

**SEVEN MINUTE FROSTING**

Ingredients:  
2 egg whites unbeaten  
1 1/2 cups sugar finely sifted.  
5 tablespoons cold water  
1/2 teaspoon cream of tartar or 2 teaspoons light corn syrup  
Few grains of salt  
1 teaspoon vanilla

Method:  
Combine ingredients in top of double boiler; stir until sugar dissolves. Then place over briskly boiling water. Beat with egg beater until stiff enough to stand in peaks — six to ten minutes. Add vanilla, beat until thick enough to spread.

**City HD Club Sews On Dish Towels**

Members of the City Home Demonstration Club met in the home of Mrs. Johnny Green Friday afternoon. Mrs. Armour Long gave the devotion. Part of the time was spent in monogramming dish towels to be used in the County HD kitchen.

Mrs. B. F. Mabe gave a report on House Bill No. 23, dealing with the handling of undesirable comic books.

The club will assist with the filling of envelopes for the TB Seal Sale, and Mrs. Neil Norred gave a report on the work.

Topic of discussion for the after-

noon was "Lighting The Kitchen," Mrs. Green was the speaker. Refreshments were served to 16, with Mrs. M. E. Anderson assisting.

**Darla Woodson Feted With Bridal Party**

Darla Woodson, bride-elect of Johnny Swindell, was honored with a bridal tea recently in the home of Mrs. Roy E. Watkins.

The table, laid with white lace over pink linen, was centered with a wedding scene on a white satin heart. Other arrangements were of queen's wreath and white wedding bells. About 55 guests called.

AT LYNN'S  
Tiny watches no longer high-priced!

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Smaller, Smarter ELGIN "Petite"

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YOUR CREDIT IS GOOD AT LYNN'S

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Accessories, Apparel & Gifts

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Beautiful enchantment in this  
**Minx Modes Dater**

Sparkling rhinestone buckles, like precious costume-jewelry, accent the beloved bows. See the flattery of panel and notched sugar scoop neckline. Rosy red, stardust blue, soft chamois or siren black. Jr. sizes.

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Everyone Has An Interest In Oil  
Observe Oil Progress Week, October 14-20



Meeting The Public

Saber, two-year-old boxer of the Lt. Curtis A. Madson family, seems a little dubious about having his picture taken and meeting the public. He is always ready, however, to shake hands with any of the children. Mrs. Madson is holding 13-month-old Curtis Alan Jr. while 2-year-old Judy watches Saber's action. Lt. Madson is the

"boss" that Saber really listens to. Five-year-old Cindy demonstrates the dog's friendly way of greeting friends. The Madson family are newcomers to Big Spring from Tucson, Ariz. They are natives of Portland, Ore.

## Texas Kinda Dry For Oregon Ski Enthusiast

A snow skiing enthusiast, such as Lt. Curtis A. Madson could become quite frustrated in dry, seldom snowy West Texas. Lt. Madson and his wife and their three children, Cindy Lou, 5, Judy Joy, 2, and Curtis Alan Jr., 13 months, have recently moved to Big Spring from Tucson, Ariz. Lt. Madson developed his love for skiing in his home town, Portland, Ore. Both the Madsons were born and reared in Oregon. "I can remember learning to ski on barrel slats," Lt. Madson remarked. "Seems like everyone at home just picks up the art from childhood," he added. Mrs. Madson commented that

she "attempted to ski," and laughed as she remembered some of the attempts. Lt. Madson, in jet pilot training at W. A. B. has been in the Air Force for eight years. A member of the family, which is their pride and joy, is two-year-old "Saber," a 90-pound sandy colored boxer.

"The children love him dearly, and enjoy hopping on his back for a brief ride," the Madsons remarked. But, Saber doesn't seem to mind, and he is always protective of the three youngsters Lt. Madson said. Besides skiing, Lt. Madson enjoys nearly all outdoor sports, golf and swimming particularly. Mrs. Madson is kept busy with the three children, but does find time to sew for her two daughters and herself. She also collects small figurines of kittens and has a bone china cup collection.

## Scout Workshop For Sweetwater

Gwendolyn C. Elsemore, senior program adviser of the Girl Scouts, will be in Sweetwater on Oct. 23 to give a workshop on the Girl Scout Program.

As senior program adviser, Miss Elsemore is concerned with the development of the organization's recreational and educational program for Senior Scouts, ages 14 through 17.

Miss Elsemore has served as community adviser in Girl Scout Region III, which comprises Washington, D. C., and the states of Delaware, Maryland, Pennsylvania and Virginia. She was formerly a field director in Portland, Ore., and is an alumna of the University of Oregon.

A native of the state of Wisconsin, Miss Elsemore has done graduate work in New York School of Social Work and Columbia University, and was program service chairman for the 1956 Senior Girl Scout Roundup.

Before entering the Air Force, Lt. Madson attended Oregon State College at Corvallis, Ore., for one year and Lewis and Clark College in Portland, for two years. The Madsons are presently making their home at 1200 Mesa. They celebrated their seventh wedding anniversary late in September.

## Ackerly Folks Visit Mr. Clark In Ballinger

ACKERLY — Mrs. Kinnie Reese and son and Mrs. Ethel Johnson have been in Ballinger visiting Mr. Johnson's brother, Johnny Clark. He is a patient in the Ballinger Hospital.

Mr. and Mrs. E. B. Baker and family visited his parents, Mr. and Mrs. Buck Baker, Wednesday. Mr. and Mrs. Jim Wornack visited in Brownfield recently with Mr. and Mrs. Luther Jones.

## Modern Woman's Forum Has Initial Meeting

The club colors, red and white, predominated in the decorations for the opening luncheon of the Modern Woman's Forum Friday. Hostesses for the meeting, held in the Colonial Room at the Howard House, were Mrs. Harwood Keith and Mrs. Bob Eubanks.

The table bore arrangements of red gladioli and white carnations in combination with red and silver leaves. The long baskets were tied with red and white ribbons.

Mrs. Clyde Thomas gave the invocation. Yearbooks were distributed, and members discussed the projects for the year. Included are assistance at the Westside Recreation Center and at the State Hospital. Members bought copies of the

## Scouts Make Plans For Hike Friday

Girl Scouts of Troop Six planned a hike for Friday afternoon when they met in the home of their leader, Mrs. R. O. Smith.

Gathering for their regular weekly session Friday afternoon, they planned to meet at the home of Mrs. Edward Brunley on the Sterling City Route at 3:35 p.m. From there, they will hike to the top of Scenic Mountain.

A discussion of the minstrel badge was held by the group of five attending the meeting, and refreshments were served by the hostess.

## Guild Meeting

The Martha Wesleyan Service Guild will meet at the church Monday at 7:30 p.m. for the beginning study on the book "South-east Asia."

## Bennetts, Hodges To Visit Hawaii

A stay in Hawaii during one of the islands' major festivals, "Aloha Week," is in store for two Big Spring couples, who depart the first of the week for a 17-day vacation trip.

Dr. and Mrs. M. H. Bennett and Mr. and Mrs. John W. Hodges will travel together, embarking from Los Angeles Wednesday on the S. S. Lurline, to arrive in Honolulu on Oct. 21.

They will stay at the Royal Hawaiian Hotel, and plan sightseeing throughout Oahu, as well as side trips to other islands in the Hawaiian group.

They will return by air, leaving Honolulu Oct. 30 via United Air Lines, and arriving in the U.S. at Los Angeles.

## Baptist SS Class Has Friday Lunch

"Perfect Trust Castest Out Fear" was the theme of the meditation at the Friday noon meeting of the Berta Beckett Sunday School class of the First Baptist Church.

Preceding the meditation, the invocation was given by Mrs. J. P. Dodge. The meditation was presented by Mrs. J. F. Sellers. Scripture was from Psalms 34:1-8.

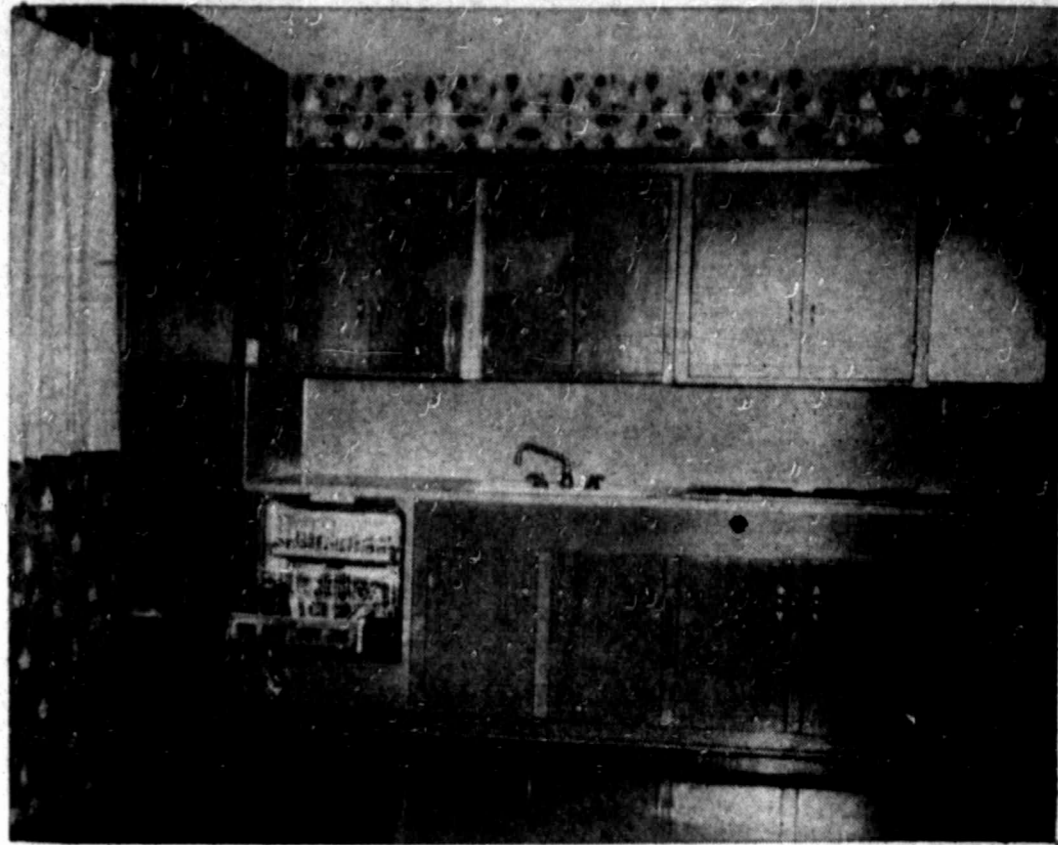
Mrs. G. J. Couch presided at the business session. The luncheon table was laid with a white cloth and held arrangements of orange pyracantha in in crystal bowls.

The Nov. 8 meeting will be at 12 noon at the church.

## P-TA In Lamesa Marks Anniversary

LAMESA — The 47th anniversary of the P-TA was celebrated Thursday afternoon by members of the Junior High P-TA. Following the refreshment hour Jim O'Brien and P. K. Humes discussed the Fourth Amendment.

The organization voted to postpone the Book Fair until March. A box supper was planned to be held Nov. 5, with the students having the box supper and parents a concession stand. G. L. Trice was elected delegate to the state convention in Amarillo with Mrs. L. L. Burkhardt, alternate.



Pictured above is the beautiful new kitchen with built-in Hotpoint electrical appliances. The most modern and efficient kitchens are equipped with appliances by . . .

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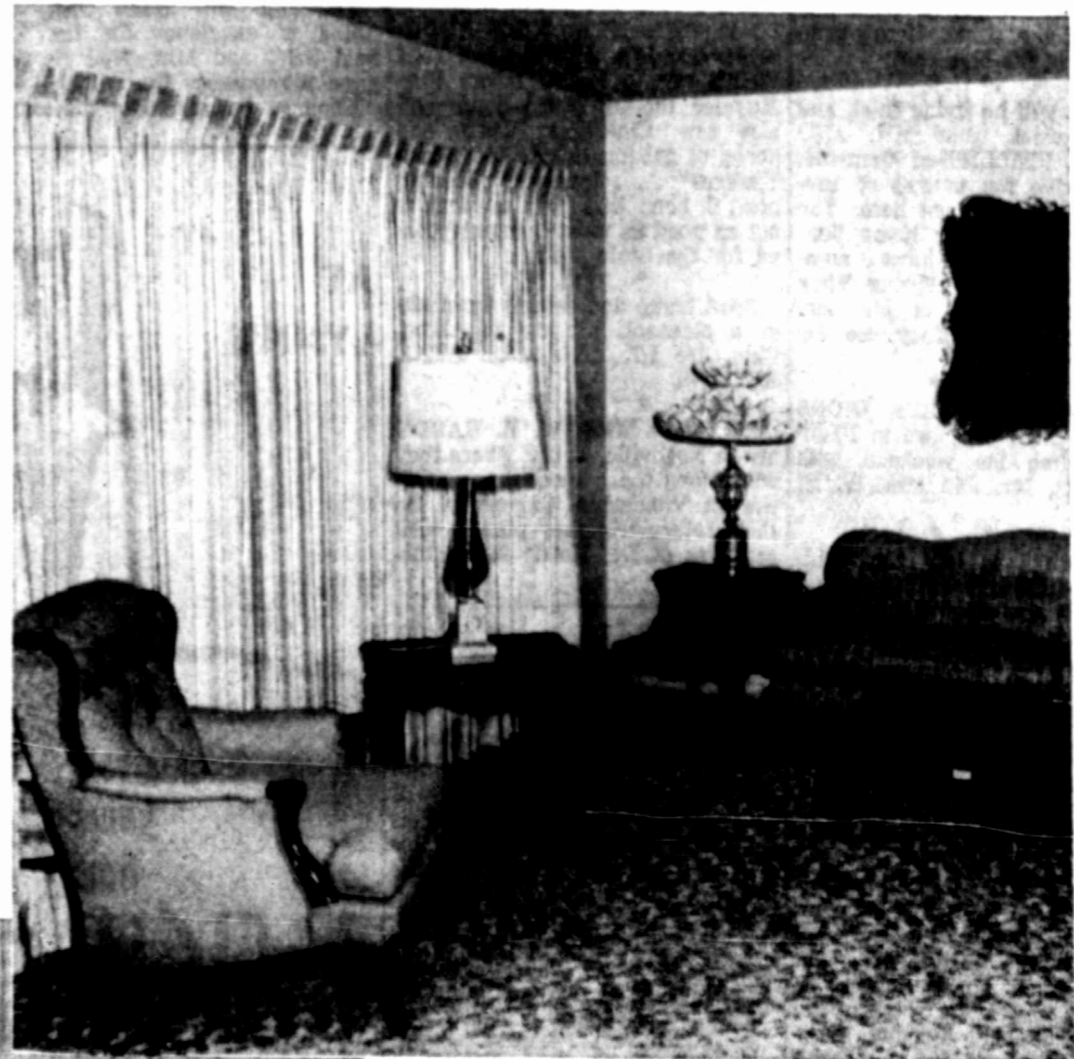
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Home In The New

## WESTERN HILLS ADDITION

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is the living room of the model home built by Omar Jones. It is furnished in French Provincial by Good Housekeeping Shop . . . You will notice the beauty of this fine furniture as soon as you step into the room . . . You will feel the warm, rich atmosphere created by this furniture . . . A house isn't a home until it is furnished in good taste . . . This house is truly a home . . .



PICTURED LEFT

is one of the 3 bedrooms . . . It is furnished in Ethan Allen Early American maple furniture. Be sure to notice the rich nutmeg color . . . This furniture is as Early American as the fife and drum, yet it is as versatile as the modern day in which we live . . .



\*To reach the new model home in Western Hills Addition . . . drive Southwest on old San Angelo Road. Turn right at west end of golf course. Follow road to intersection of Cactus Drive. Turn left on Cactus Drive and proceed 1 block to model house on left.

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Now — be an 'eye witness to the "lifting," tightening wonders that have made Helena Rubinstein's remarkable Contour-Lift Film world famous. See yourself looking younger as your chin line tightens, eye puffiness diminishes, wrinkles seem to vanish.

As you sleep, Contour-Lift Film works to "lift" contours that are losing elasticity. Filmed on lightly before make-up, it seems to banish lines and wrinkles.

Along with this thrilling "face lift," you'll get free of extra charge, an introductory bottle of Helena Rubinstein's new Special Throat Formula. Quickly absorbed, this scientific discovery supplies the finest oils to the throat to help smooth out crepiness. Vitamin Complex (A, D and E) combats dryness while a special astringent clarifies slack outlines.

Together, these two marvelous preparations are a new lease on youth and beauty for face and throat.

**COLLINS BROS. WALGREEN**  
Cut Rate Drugs Agency Drug Store



**Anniversary Couple**

Observing their 51st anniversary today are Mr. and Mrs. H. F. Wood, 1304 1/2 Mesa. The couple was married in Sipes Springs and have lived in Big Spring about 30 years. A daughter, Mrs. E. R. Barnett, is a local resident. Other children are Ray Wood of Ar-

**Mental Workshop Set For P-TA District 16**

Mrs. W. N. Norred, District 16 mental health chairman, has announced a mental health workshop for Tuesday. Sessions will take place in the high school auditorium. Registration will begin at 9 a.m., and a welcome will be extended by Floyd Parsons, superintendent of schools. "Let's Have A Little Fun" will be discussed by Mrs. Elmer Payne of Sweetwater, district president. At 9:45 a.m., Mrs. James Leonard of Fort Worth will address the group. Her topic will be "The Mental Health Emphasis in the Texas Congress of P-TA." She is state mental health chairman. "What Mental Health Means In Everyday Living" is the subject to be discussed by the Rev. William Boyd, rector of St. Mary's Episcopal Church. The morning will be completed with three workshops, held simultaneously, Group One, with Mrs. Chesley McDonald of Sterling City in charge, will discuss "What Mental Health Means." Group Two, led by G. H. Peters, executive associate of the adult education program at Texas Tech, will study the question, "What Do We Need to Know About Our Mental Health?" Veta Flores of Bronte will head Group Three. The topic for discussion will be "What Do We Need To Know As Leaders In The Mental Health Emphasis?" Lunch will be served in the high school cafeteria, after which the workshops will continue. The afternoon will end with a general meeting in the auditorium, when Mrs. Leonard will again be in charge of the program. Representatives are expected from Big Spring, Lamesa, Sweetwater, Loraine, Roscoe, Colorado City, Seagraves, Sterling City, Gardea City, Bronte, Winters, Ballinger, Ackerly, Gail, Forsan, Westbrook and Coahoma.

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Glove leather in BLACK ON WHITE

it's a *Connie Sport*

Hurry into a pair... school's no fun without 'em! Connie "Spot Saddles" for low-flying, SOFT? Yes, yes, yes... all over! With foam-crepe soles to match. As seen in Seventeen

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**U.S. Styles Come Of Age**

By DOROTHY ROE  
Having attained the ripe old age of about 50 years, American fashion is a big boy now. The biggest in the world, if you want to make comparisons. Recent establishment of a Fashion Hall of Fame, with designer Norman Norell its first member, calls attention to the growing influence of American

designers on world fashion trends. The announcement was made during ceremonies attending the Coty American Fashion Critics Awards, given this year to milliner Sally Victor and young Cuban designer Luis Estevez. A return award was made to James Galanos of California, 30-year-old sensation of the high-fashion world. And a special award was given to a mother-son team, Gertrude and Robert Goldworn, for carving out new horizons in the field of knitwear. It was pointed out that until after the turn of the century,

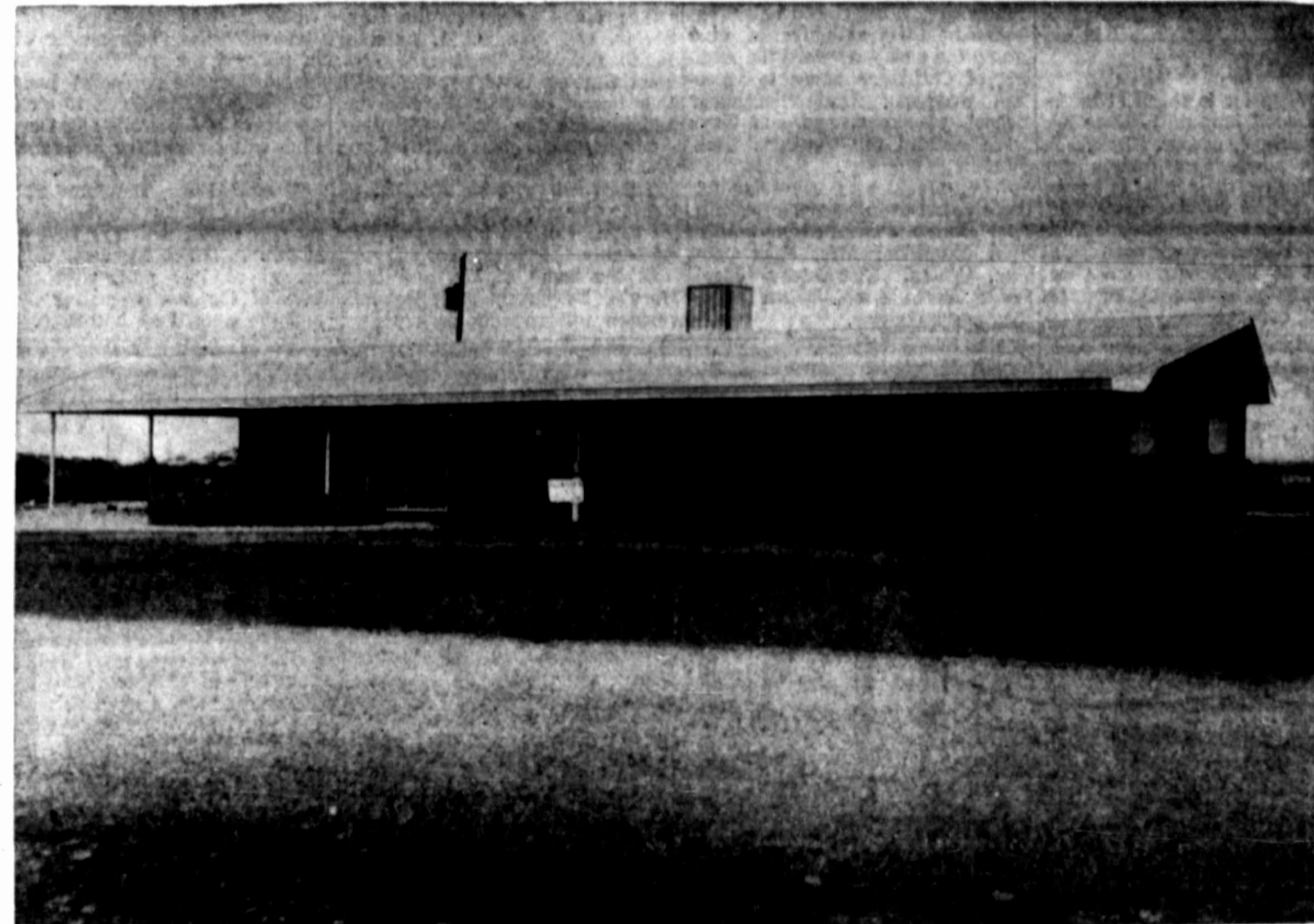
America had no fashion industry as it is known today. Most clothes were made at home or by the family dressmaker, by patterns adapted from the French. Development of the sewing machine on a commercial mass-production basis gave birth to the business of ready-to-wear, which now is among the nation's top three or four industries. With growth of the garment industry came emergence of American designers, who first began getting individual recognition around the start of World War I, with the first fashion "Winnies"

awarded in 1943. Since then the annual awards have gone to a growing and imposing group of designers, each of whom has given new stature and importance to American fashions. Popular Game Games are popular winter pastimes and once again the game of Politics is being revived. The game, invented by Mrs. Oswald B. Lord, delegate to the United Nations General Assembly, closely resembles the national election for our own White House occupant, and is educational also.

**Lamesa Scout Troop Has Wiener Roast**

LAMESA — Girl Scout Troop No. 11 and their dates met recently for a wiener roast at the home of their leader, Mrs. Buster Reed. During the evening Alma Ann Agee and Barbara Jo Harris were presented their five point pins. Bobby Poteet was honored by the group on his birthday. Margaret McAdams, executive director of the West Texas Council and Ila Beth Hester, Taylor County Girl Scout director, directed the games and song. Seventeen attended the meeting.

You are cordially invited to visit this model home today from 2:00 to 7:00 P.M. in beautiful .....



**WESTERN HILLS**

**THIRTY FOUR ACRES OF RESTRICTED BEAUTY**

And houses with a personal touch

Immediately west of the model home there are 21 acres to be developed. Here are just a few of the advantages of having a home in Western Hills.

- Restricted
  - City Utilities
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  - Park Hill School
  - A School Bus Is Provided For Jr. High and Senior High Students.
- Come out today and see this beautiful addition . . . To reach the model home, drive out the old San Angelo Road to the west end of the City Golf Course, turn right and then follow flags to the model house . . .

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MRS. ELIZABETH HINDMAN TAYLOR

### State AAUW President Will Be Honored At Tea

Mrs. Elizabeth Hindman Taylor of Greenville, state president of the American Association of University Women, will be the honored guest at a tea for local AAUW members Wednesday evening at 7:30 o'clock.

Mrs. B. M. Keese, 203 Princeton, will be hostess for the tea.

Mrs. Taylor will speak to the group about her trip to Europe this past summer, when she guided the Texas delegation to the International Federation of University Women's Conference in Paris.

Mrs. Taylor has been a member of AAUW since 1932. She was president of the San Marcos chapter from 1948 to 1950. She served as social studies chairman for the state for four years.

She attended East Texas State Teacher's College, and University of Colorado and was graduated from the University of Texas with a BA degree, majoring in geology. She received her MA degree in anthropology.

Mrs. Taylor taught for six years

### Jr. Red Cross In Lamesa To Meet

LAMESA — New officers for the Dawson County Junior Red Cross Chapter will be named in a special meeting Wednesday afternoon, Oct. 17, in the Junior High School cafeteria at 4:15 p.m., according to the chapter chairman, Lola Mae Hewitt.

Presiding for the meeting will be the retiring president, Kay Edwards. Other out-going officers include Paula Oswald, vice president; and Karen Applegate, secretary.

Among the activities of the group the past year were the sending of Christmas boxes to veterans overseas; from Blackshear School, placemats and ash trays were sent to the Veterans' Hospital in Big Spring.

J. V. McClure is counselor for the chapter at Blackshear school; Mrs. Emma Jane Brown, Junior High counselor; Mrs. Jean Jenkins, Central Elementary counselor; Marie Long, North Elementary counselor.

### Science For Girls

If a youngster is sharp at mathematics don't hesitate to steer her to a science career. Research chemists advise that women are demonstrating their ability in chemistry and physics more and more. One chemist points out that industrial research right now could use 5,000 to 10,000 women a year with future prospects as good or better.

### Zone One Gardeners To Meet Here Tuesday

Women from the Southern Zone of District One of Texas Garden Clubs are expected Tuesday for the first annual meeting of the zone.

Opening at 9:30 a.m. Tuesday at Wesley Methodist Church, the meeting will be in charge of Mrs. Nat Williams, governor of District One. The Rev. C. W. Parmenter, pastor of the church, will give the invocation.

Towns to be represented are Midland, Stanton, Lamesa, Odessa, Garden City, Kermit and Big Spring.

Mrs. Dewey Mark, president of the Spaders Garden Club, will give the welcome to members and guests. Responding will be Mrs. Ronnell McDaniel, a member of the Garden City Spaders Garden Club.

A workshop on awards, national, state, district and flower show, will be held from 10:45 a.m. to 12 noon. Participating will be Mrs. D. E. Smith of Midland; Mrs. J. A. Wilson of Stanton; Mrs. Jack Gore of Snyder; Mrs. J. M. Waddell of Kermit and Mrs. O. H. Sires of Lamesa.

Beginning at 1:30 p.m., three workshops will be held. One, with Mrs. J. D. Dillard of Midland as speaker, will deal with the responsibilities of club presidents.

Another, with Mrs. D. S. Riley as moderator, will serve to improve the publicity for clubs. Planned as a panel program, it will be given by Mrs. John Kuykendall and Mrs. Floyd Stepp, both of Odessa; Mrs. Allen Hamilton and Mrs. B. L. LeFever, both of Big Spring.

The third will be of interest to club secretaries and treasurers. Appearing on this program will be Mrs. Roy E. Bearden of Lamesa and Mrs. W. T. Henderson of Odessa.

A general meeting, with a workshop on Flower Show Practice, will end the day's sessions.

Clubs comprising the Council of Big Spring Garden Clubs, which will be hostess group for the day, are the Big Spring Spaders, Planters, Rosebud and Four o'Clock Garden Clubs.

Mrs. Obie Bristow, president of the council, is general chairman, and Mrs. Clyde Angel is registration chairman.

### Xi Mu Announces Its Annual Pilgrimage

The seventh annual Pilgrimage of Beautiful Table Settings has been set for Oct. 21 by members of the Xi Mu Exemplar Chapter of Beta Sigma Phi Sorority.

Tickets are available from members of the organization, or they may be bought at the first house where a setting is to be shown. The hour of starting is between 3 and 3:30 p.m.

"Conversational Brunch" is the theme of the first table, which will be displayed at the home of Mr. and Mrs. Champ Rainwater, 716 Hillside. Hostesses here will be Mrs. Harold Talbot, Mrs. Clayton Bettle, Mrs. Jack Murdock and Mrs. Gene Nabors.

The home of Mr. and Mrs. Ted Groehl, 615 Dallas, will be the scene of a dinner setting, titled "Dinner in the Groehl Manner." Mrs. O. S. Womack will serve as hostess here.

The table setting in the home of Mr. and Mrs. H. M. (Herbie) Smith will be "Fantasy." Mrs. Paul Darrow is to be hostess in this home at 1602 Cole Lane, which is in the Fraser Addition.

Serving as hostess in the home of Mr. and Mrs. L. A. Plowman, 506 Birdwell, will be Mrs. R. L. Heith. "Regal Sparkle" will be the keynote of the table setting in this home.

At the home of Mr. and Mrs. Marvin Ferguson, 500 Birdwell, viewers will see an arrangement based on "Silver Rhythm." Mrs. Melvin Coleman will greet guests here.

Climaxing the tour will be the tea hour at the home of Mr. and Mrs. T. L. South, 1703 Kentucky Way. "Elegance of Tradition" will mark the setting for the tea table and surroundings. Hostesses will be Mrs. L. D. Chrane, Mrs. Tommy Gage and Mrs. Harold Hall. Other sorority members will assist in the house party.

Proceeds from this affair, given annually by the sorority, will be used in the group's project.

### OWC Schedules Socials For Week

Two social events for the coming week have been announced by the Officers' Wives' Club at Webb Air Force Base.

A coffee for all newcomer wives is planned for Tuesday morning. Stated for the Officers' Lounge, the party will begin at 10 o'clock. Members of the Desk and Derrick Club will present the program for members and their guests.

Scheduled for Thursday at the Officers' Club is the bridge and canasta party, which is held each month. A buffet luncheon will be served at 1:30 p.m. with members of the new executive board and the council as hostesses.



MRS. NAT WILLIAMS

### Lamesa Club Has Fine Arts Program

LAMESA — The Lamesa Woman's Study Club met Tuesday evening for their program on "Fine Arts and Texas Poetry." Mrs. Arpie White was the program leader; she presented Mrs. Buster Reed who spoke on Fine Arts. Mrs. W. K. Crawley discussed Texas poetry and Lamesa poets. Linda Merritt presented a piano selection, "Indian Love Call."

During the business meeting it was announced that the \$100 scholarship of the club has been awarded to a 1956 graduate of the Blackshear school.

### Eager Beaver Club Makes Bandages

Five and a half dozen cancer bandages were made by members of the Eager Beaver Sewing Club at their meeting Friday. Mrs. H. B. Burton was hostess to the group of five women. The group presented Mrs. Burton with a hostess gift. The next meeting will be with Mrs. R. O. Findley, 1810 Owens.

### Lodge Meeting

KNOTT—Louise Wilborn and Orpha Little were elected members of the Knott Rebekah Lodge at the Thursday evening meeting. Invitations will be held by the John A. Kee Lodge of Big Spring on Oct. 18.



The Beauty Center Wishes to Announce The Addition Of Two New Operators To Their Staff

BETTY BAKER and LA VALLE WASSON

We now have a full staff and will be able to give more personal interest to our customers.

Call Or Come By For Your New Fall Hairstyle Soon

## BEAUTY CENTER

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WOMANPOWER FOR EISENHOWER ROUND-UP FOR IKE

Fort Worth Wednesday, October 17 10 a.m. Hotel Texas

A chance for all women who place the welfare of their country and their children above political considerations to help re-elect the president of peace.

COME SEE  
COME LEARN  
COME HEAR

Jeanette McDonald Irene Dunne  
Gene Raymond Ward Bond  
George Murphy Many Others

Registration 8:30-10 a.m. Lunch with the Stars Afternoon Workshops

Though I cannot be with you, I want to help re-elect Eisenhower and Nixon. Please send me instructions and materials.

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ Texas

This political advertisement paid for by Eisenhower-Nixon State Campaign Headquarters.

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BUY NOW WHILE STOCKS LAST! EVERYTHING GOES REGARDLESS OF PRICE!

ONE TABLE VALUES TO 2.98 YD. SPECIAL . . . 1.49 Yd.	OUTING 5 YDS. FOR 1.00 10 Yards To Customer
1 GROUP MATERIALS VALUES TO 2.49 SPECIAL . . . 1.18 yd.	1 GROUP COTTONS VALUES TO 1.98 YD. NOW ONLY . . . 94c yd.
1 TABLE VALUES TO 1.59 SPECIAL . . . 68c yd.	1 TABLE OF COTTONS VALUES TO 1.59. NOW . . . 94c yd.
ONE TABLE . 2 yds for 1.00	2 GROUPS VALUES TO 2.00 NOW ONLY . 88c yd.
ONE TABLE . 3 yds for 1.00	NETS . 39c yd., 72 in. Wide
	TAFFETA 39c yd., 45 in. Wide
WOOLENS START AT . . . . . 1.99 yd.	
WOOL FELT, 72 IN. WIDE . . . . . 2.59 yd.	

**Yardage Shop**

119 MAIN DIAL AM 3-2641

## Low-Cost 1956 Westinghouse! More Room...Less Floor Space!

### BIG FAMILY SIZE

- ✓ Bonus refrigeration in a 24" wide cabinet. 8 cu. ft. of storage space...40 lbs. of frozen food.
- ✓ Full-width shelves in door...2 egg shelves hold 16 eggs...2 shelves for bottles and small items.
- ✓ Bonus bottle space for up to 12 qts. of milk. Holds 1/2 and 1-gallon containers.
- ✓ Exclusive 1/4 hp. Economizer Mechanism... five year protection plan.

Reg. \$229.95 **\$159<sup>95</sup>**

\$15.95 Down \$1.50 Weekly

MODEL 10-90

### Wash And Dry

In Westinghouse Washer-Dryer. A complete home laundry in a tiny space. Come in now and see this outstanding pair.

Save \$150 Now

Washer, Reg. \$319.95  
Dryer, Reg. \$199.95

# NOW, BOTH ONLY \$369<sup>90</sup> Exchange

## Wasson & Trantham

4th At Gregg Dial AM 4-7532

Spadea's american designer pattern



Wearable Sheath Has Belted Waist; Bow Tie

Supple elegance, as only Vera Maxwell can handle it, gives this sheath untold wearability. Cut on the straight and without a waistline, its fullness is pulled in and shaped by the belt.

At the neckline is a long streamlined bow tie, the ends adding to the drapery effect in front and passing under the belt.

Choose soft fabrics that fall easily, such as cottons, silks, synthetics, sheer wools or jersey. The pattern, which is cut to accurate retail measurements and with precise perforations that save money, time, fabric and effort, assures you of professional looking results.

From this chart select the one size best for you:

Size 10 bust 34, waist 24, hips 35, length from nape of neck to waist 16 1/2 inches; size 12 bust 35, waist 25, hips 36, length from nape of neck to waist 16 1/2 inches; size 14 bust 36 1/2, waist 26 1/2, hips 37 1/2, length from nape of neck to waist 17 inches; size 16 bust 38, waist 28, hips 39, length from nape of neck to waist 17 1/2 inches; size 18 bust 40, waist 30, hips 41, length from nape of neck to waist 17 1/2 inches.

Size 12 requires 3/4 yards of 54-inch material for dress and 1/4 yard of 35 inch material for interfacing.

To order Pattern No. 1283, state size, enclose \$1.00. Airmail handling requires 25 cents extra. Address: AMERICAN DESIGNER PATTERNS, P. O. Box 535, G. P. O. Dept. No. B-5, New York 1, N. Y. All new Pattern Booklet Classic Pattern Booklet No. 12 and No. 13-X—50 cents each. If paid by check, add 4 cents.

(Next week look for Spadea's American Designer Pattern by Scaasi.)

Lydia SS Class Has New Officer Election

Officers were elected at the Thursday evening meeting of the Lydia Sunday School class of the First Baptist Church.

Elected as president was Mrs. Henry Carpenter. Vice president is Mrs. C. L. Lumpkins; secretary-treasurer, Mrs. V. W. Fuglaar; group captain, Mrs. T. B. Atkins and Lena Greer; teacher, Mrs. J. W. Arnett and assistant teacher, Mrs. A. C. Kloven.

B&PW Club Meeting

LAMESA — The Business and Professional Women met in the home of Mrs. L. E. Petty Tuesday evening for a social and business meeting. Plans were made for the annual banquet honoring their bosses on Nov. 27. Mrs. Nancy Johnson was named as the official delegate to the convention in El Paso, Oct. 13 and 14 with Mrs. Lorene Groves, alternate. Refreshments were served to eight members and one visitor, Mrs. Dorman Powell.

Plastic Bags

Those polyethylene plastic bags you get with vegetables and fruit may go double duty. Use them to carry baby's diapers and wet bathing suits. They also make good shoe bags for packing or storing your favorite shoes.

Germ Killer

A new commercial chemical formula is said to be capable of destroying bacteria on contact. The formula (Corobex) is being added to plastic, rubber, ink, paper, paint and paraffin and may be added to textiles and leather to make these items permanently self-sterilizing. It is non-toxic and non-allergic to humans, says Dr. Henri Coutinho, developer of the formula, and has passed bacteriostatic tests performed by government approved laboratories.

Hassock Cover

Left over fabric pieces from draperies or slip covers may be used to cover a hassock. Make a skirt to cover it. Use narrow elastic, threaded between two layers of fabric, around a flounce to hold it in place.

Spicy Plant

The true laurel or sweet bay with aromatic leaves used in condiments, is found in Mediterranean countries.



Betrothed

Mr. and Mrs. D. E. Jacobs, Sterling City Route, are announcing the engagement and approaching marriage of their daughter, Lucie, to Robert Roberson. He is the son of Mr. and Mrs. D. W. Roberson, Sterling City Route. The wedding date has been set for Nov. 21.

Petroleum Group Holds Barbecue

FORSAN — The annual barbecue and social was held recently for employees of the Magnolia Petroleum Company. About 50 attended. Herman Stokes, C. L. Draper, Floyd Pike and John Butler were in charge of preparations.

Guests of Mr. and Mrs. B. R. Wilson have been Mr. and Mrs. Charlie Russell and Mr. and Mrs. Bill Young of Lewisville.

Mr. and Mrs. Sam Rust are vacationing in Tampa, Fla. They are guests of Capt. and Mrs. John C. Adams and family.

Mr. and Mrs. Frank Swiger are home following their vacation in Hot Springs, Ark. They also visited in Rising Star with Mr. and Mrs. E. J. Maxwell.

Mr. and Mrs. Bobby Baker and Debbie, Andrews, have been recent guests of her parents, Mr. and Mrs. J. M. Craig.

Mrs. I. S. Suttles, Sicily Island, La., is a guest in the home of her son and family, Mr. and Mrs. C. C. Suttles.

Frank Hall, Notrees, has been visiting S. J. Huestis.

*Your Prescription...*

**A SYMBOL OF HEALTH**

• The prescription your Doctor writes is the result of his specialized skill and experience. Bring it to this *Reliable* pharmacy where each compounding step will be double-checked to assure accuracy. We appreciate your patronage and count it a privilege to serve you.

**GOUND PHARMACY**  
WAYNE GOUND, F.A.C.A.  
419 MAIN PHONE AM 4-5232  
BIG SPRING, TEXAS

DELIVERY AT NO EXTRA CHARGE

RELIABLE PRESCRIPTIONS

**A brilliant beginning for your life together... Her Diamond from alexander's FINE JEWELRY**

Right from the start of your life together, it's best to spend your money wisely and think of quality first! When choosing her engagement diamond, don't look for the biggest diamond or the most diamonds per ring. Look instead for the diamond that's best for the money you can spend. Whatever its size, if it's of finest quality—it will have true beauty and brilliance and your money will be wisely invested! Come in and see our complete collection—let us show you the very finest diamonds at your price, the diamonds she'll be proudest to wear!

TOP TO BOTTOM	
Magnificent Marquise Diamond Solitaire in Platinum Mounting.	695.00
Lovely 18k Bridal pair with emerald cut diamond center.	375.00
Brilliant diamond engagement ring with 4 side diamonds.	325.00
Lovely diamond solitaire with 2 side diamonds. 14k gold.	195.00
Bridal pair in platinum with brilliant center diamond, matching baguettes in wedding band.	625.00
Unusual diamond bridal pair in 18k white gold.	275.00
The ever popular solitaire diamond with matching gold band.	195.00
Dainty diamond bridal pair in 14k gold.	250.00
Marquise diamond solitaire in platinum.	500.00
Magnificent emerald cut diamond solitaire.	695.00

Monday Special

Guaranteed Perfect

FAMOUS "LEADING LADY"

LADIES' Dark Heel 60-15 NYLON HOSE

No. 2 Choice—Guaranteed Perfect

An unheard of hose value—Beautiful, filmy, sheer 60-15 Black Heel Nylons in 3 fall colors. At this low, low price.

sizes 8 1/2 to 11

2 Pairs \$1

Included 60-15 Dark Heel In Color Red Fox



Bruce Cleaning Wax	Qt. Can	96¢
Bruce Liquid Wax	Self Polishing Qt. Can	89¢
Bruce Floor Wax	Qt. Can	79¢
Asphalt Tile Cleaner	Bruce Pt. Can	67¢



<b>Tomato Juice</b>	Taste Tells	46-Oz. Can	<b>19¢</b>
<b>Nescafe Instant Coffee</b>		6-Oz. Jar	<b>\$1.31</b>
<b>Salad Dressing</b>	Duchess	32-Oz. Jar	<b>36¢</b>
<b>Krispy Crackers</b>	Sunshine	Lb. Box	<b>25¢</b>

**TODAY'S CHEESE BUYS**

For Snacks with real he-man flavor try these delicious Cheeses, they're digestible as milk itself.

Breeze Cheese	2-Lb. Pkg.	79¢
Sliced Cheese	Dutch Mill, American Pimiento, Swiss 1/2-Lb. Pkg.	35¢
Cheese Spread	Van Zee 2-Lb. Pkg.	75¢
Wisconsin Cheese	Mild Cheddar Lb.	57¢
Longhorn Cheese	Wisconsin Lb.	49¢
<i>Dried Fruits</i>		
Rosetta Prunes	Large Dried 2-Lb. Pkg.	69¢
Vine Crest Raisins	Seedless Pkg. Lb.	23¢

**Perfect Together**

The ideal new "hurry up" dessert! Easy, Quick and so delicious. Wonderful Hand-Blended Jell-Well Flavors... delicately spicy vanilla rich chocolate served with crunchy Pirates Gold Sugar Honey Grahams. Enjoy this delicious treat tonight.

Instant Pudding	Jell Well 3 3/4-Oz. Box	10¢
Graham Crackers	Pirates Gold Lb. Box	35¢

<b>Brown Beauty Beans</b>	<b>Brown Beauty Beans</b>
Mexican Style	
2 No. 300 Cans	2 No. 300 Cans
27¢	27¢

*Fresh From the Farm Produce*

<b>Russet Potatoes</b>	Economy 10 Lbs.	<b>59¢</b>
<b>Pascal Celery</b>	Stalk	<b>10¢</b>
<b>Yellow Onions</b>	Lb.	<b>5¢</b>

<b>Cabbage</b>
2 Lbs.
<b>5¢</b>



*For These Values*

Patio Beef Enchiladas	8-Ct. Pkg.	57¢
Patio Tamales	12-Ct. Pkg.	43¢
Patio Mexican Dinner	16-Oz. Pkg.	67¢
Patio Steak Dinner	12-Oz. Pkg.	67¢
Patio Bar-B-Que Dinner	13-Oz. Pkg.	69¢
Patio Italian Dinner	14-Oz. Pkg.	55¢

**Heinz Products**

Heinz Indian Relish	11-Oz. Jar	30¢
Prepared Mustard	Heinz Yellow 6-Oz. Jar	11¢
Heinz "57" Sauce	8-Oz. Bottle	33¢
Heinz Ketchup	14-Oz. Bottle	25¢
Strained Baby Foods	Heinz Glass	10¢
Junior Baby Foods	Heinz 7 3/4-Oz. Jar	16¢

**Anacin Tablets**

For fast relief of headache, neuritis, neuralgia. Anacin is like a doctor's prescription.

Anacin Tablets	12's	23¢
Anacin Tablets	30's	45¢
Anacin Tablets	50's	69¢

*Gladiola Buys*

Gladiola Flour	5-Lb. Bag	49¢
Gladiola Flour	10-Lb. Bag	95¢
Self Rising Flour	Gladiola 5-Lb. Bag	51¢
White Cake Mix	Gladiola 18-Oz. Pkg.	35¢
Pound Cake Mix	Gladiola 18-Oz. Pkg.	35¢

**Pepsodent**

Tooth Paste	Pepsodent Giant Size Tube	47¢
Tooth Paste	Pepsodent Chlorophyl. Giant Size Tube	47¢
Tooth Powder	Pepsodent Giant Size Can	47¢
Tooth Paste	Chlorodont Giant Size Tube	49¢
Tooth Brush	Pepsodent Medium	59¢
Tooth Brush	Pepsodent Soft	59¢

*Try This Treat*

Kellogg Rice Krispies	9 1/2-Oz. Box	27¢
Fluffiest Marshmallows	Lb. Pkg.	33¢

**La Choy Foods**

La Choy Meatless Chop Suey	No. 303 Can	41¢
La Choy Chicken Chop Suey	No. 303 Can	73¢
La Choy Beef Chop Suey	No. 303 Can	57¢
La Choy Brown Gravy Sauce	5 1/2-Oz. Bottle	23¢
La Choy Chinese Dinner	3-Ctn. Pkg.	59¢
La Choy Chicken Chow Mein	3-Ctn. Pkg.	87¢

*Service with a Smile*



Service with a Smile is our motto here at Safeway. Safeway people have only one objective, and that is to please each and every customer. They know what courteous service means. They want it themselves when they go shopping, so if you are looking for this kind of friendly service the next time you shop, be sure, Shop Safeway.

*Bakery Goods*

Mrs. Wrights Bread	Reg. Sliced White 1 1/2-Lb. Loaf	24¢
Slenderway Bread	Skylark Lb. Loaf	24¢
Skylark Bread	Brown and Serve Cloverleaf 6&6 12-Oz. Pkg.	23¢
Buttermilk Biscuits	Skylark Brown Serve. 12 Ct. 9-Oz. Pkg.	20¢

*Frozen Foods*

Frozen Orange Juice	Bel-Air 6-Oz. Cans	21¢
Bel-Air Lima Beans	Fordhook 10-Oz. Pkg.	27¢
Blackeye Peas	Bel-Air 10-Oz. Pkg.	25¢
French Fried Potatoes	Bel-Air 9-Oz. Pkg.	19¢

*Safeway's Guaranteed Meats*

<b>Pork Sausage</b>	Wingate, Reg. or Hot 2-Lb. Roll	<b>69¢</b>
<b>Calf Rib Chops</b>	U.S. Gov't Graded Lb.	<b>55¢</b>
<b>Skinless Frankfurters</b>	3-Lb. Pkg.	<b>\$1.00</b>
<b>Sliced Bacon</b>	Lb. Cello	<b>39¢</b>

**Bologna**

Jumbo Sliced

16-Oz. Pkg. **35¢**

**Gerbers Baby Foods**

Famous for true flavors. Grand choice of fruits, vegetables, meats, soups and desserts to keep baby's appetite bright. All specially processed to preserve natural food values - natural flavors.

Strained Orange Juice	Gerbers 4 4 1/4-Oz. Cans	35¢
Gerbers Egg Yolks	3 1/2-Oz. Can	20¢
Gerbers Teething Biscuits	4-Oz. Pkg.	22¢
Strained Baby Meats	Gerbers 3 1/2-Oz. Can	20¢
Strained Baby Foods	Gerbers 4 4 3/4-Oz. Cans	35¢
Junior Baby Foods	Gerbers 2 6 1/2-Oz. Cans	23¢
Gerbers Cereal Quads	4-Oz. Pkg.	17¢

Lucerne Homogenized Milk	1/2-Gal. Ctn.	49¢
Lucerne Chocolate Drink	Qt. Ctn.	25¢
Cottage Cheese	Blossom Time 16-Oz. Ctn.	25¢
Tide Detergent	Large Size Box	31¢
Oxydol Detergent	Large Size Box	32¢

**Presidential Parade**

Procter and Gamble's Presidential Parade Contest is now going on at Safeway. \$100,000.00 in Prizes - Nothing to Buy! No Box Tops required. Get your official entry blank at your friendly Safeway Store.

Prices effective Monday, Tuesday and Wednesday, October 15-16-17



Ursula Thies figure back to set of exerci  
Eastern Initiation  
LAMESA - ern Star held three candida...  
During the e Parker, worthy nest Moody, w honored by th their going to Fort Worth on  
A refreshme with the servin lace cloth and low mums. R served to aboul es, Mrs. Gene Charley Bucy.

Birthday  
LAMESA - complimented fee Friday mor home of Mrs. asses with Mrs. Carson Echols, and Mrs. L. D. ree was present and gift from t ments were set

Yo

Your

ST

203 Run





**Results From Exercises**

Ursula Thiess, who stars in United Artists' "Bandido," got her figure back to normal soon after the birth of her son with a special set of exercises.

**HOLLYWOOD BEAUTY**

**Used Simple Exercises To Restore Her Figure**

By LYDIA LANE  
HOLLYWOOD — Ursula Thiess, who is Mrs. Robert Taylor, came to Berlin when a magazine photograph of hers attracted the attention of Howard Hughes. He put her under contract at RKO, and she was ballyhooed as "the most beautiful girl in the world."  
Not long after her arrival, Ursula went with me to visit the veteran's hospital at Long Beach. And even though everyone felt that the campaign was not exaggerated she told me, "It has made me very uncomfortable. I feel on the defensive whenever I meet someone new. This description has not been helpful."

Since then Ursula has become a wife and mother. Would she still be as beautiful? I wondered as I drove to the Taylors' new home overlooking the ocean.

When Ursula met me at the door wearing form-fitting matador pants, I quickly paid her the compliment she deserved. She smilingly commented she'd worked for her trim figure.

"I don't like to exercise," she said. "I can think of so many other things I'd rather do, but I went to a gym several times a week after Terry's birth, and now I work-out at home."

"During my pregnancy I only put on 18 pounds, and when Terry was born I was only four pounds above my normal weight. But I wanted to firm my muscles, and I felt there was no better place to do it than in a well-equipped gym."

"If you concentrate, even when working at home, there is no end to what you can accomplish," Ursula exclaimed. "And with Bob being exposed to so much beauty at the studios, I certainly had the incentive!"

We chatted about girls who let their husbands down once the courtship is over. "It is not always easy, when you are keeping house and have little ones to look after, to find time before your husband comes home to make yourself look pretty," she insisted, "but it's necessary."

"Happy marriages just don't happen; they need working-at 24 hours a day. I choose my at-home clothes as carefully as anything in my wardrobe. We live informally," Ursula explained, as she told me they had let her nurse go because she wanted to take care of the baby herself. "When we have a few friends in for dinner, Bob and I do the cooking."

Ursula served coffee and delicious butter cookies she had made. Quite naturally the subject of calories came up, and I asked to know more about her exercises. "I do a hip-roll 60 times," she says. "It reaches a spot that is troublesome in every girl. I'll show you!" She stretched out on the carpet, holding onto the sturdy legs of a table behind her head. She brought her knees up to her

chest, kept her shoulders flat to the floor and rolled from side to side, almost, but not quite, reaching the floor with her knees. "By not touching," Ursula explained, "you get more of a pull."

"The next exercise is so severe," she cautioned, "I can only do it comfortably six or eight times. Once again the trick is not to touch the floor."

Skill on the floor, feet together and hands holding the table she raised her legs slowly, kept her shoulders flat and swung up and over to the left, lowering them almost to the floor. Then she brought them back to the center, lowered them not quite to the carpet, raised them high and this time swung to the right.

"The slower you do it and the nearer you reach the floor, the more you feel it and the more good it does for you," she pointed out.

"Is that all?" I wanted to know. "With knee bends you reach all the important muscles." Ursula demonstrated these, holding her arms in front of her for balance.

Ursula excused herself and brought in the baby. He is so handsome, and as she held him I thought I'd never seen anyone more happy. "What is your secret for getting the things out of life you most want?" I asked.

"I think selfishness is the only thing which stands in our way," this girl who had known the war

years in Berlin said. "We can be so much happier if we see the other person's point of view and eliminate egotism."

**REAGIN THAT GIRLISH FIGURE**

At no other time does a woman's figure need more care than after childbirth. Now, for the first time, Leaflet M-66, "Regaining a Girlish Figure Following the Baby's Birth," is available to Hollywood Beauty readers. These are a number of varied exercises told by Ursula Thiess. Following this routine conscientiously every day will condition your muscles so that they will fall back into place and your stomach will be as flat as before pregnancy. Get your copy of M-66 by sending 5 cents AND a self-addressed, stamped envelope to Lydia Lane, Hollywood Beauty, in care of the Big Spring Herald.

**O'Donnell Lodge Observes Anniversary**

LAMESA — The O'Donnell Chapter No. 725 of the Order of Eastern Star observed its 33rd birthday Monday evening with Friendship Night held at the Masonic Hall. During the evening 24 past worthy matrons and worthy patrons of the chapter were honored, and special tribute was paid to four charter members, Mr. and Mrs. Jake Gates, Mrs. Ben Moore, Sr., and Mrs. Beulah Osborn.

Preceding the program a buffet supper was held. The serving table was laid with white linen and featured a centerpiece of pyracantha. Forty-five attended, including guests from Brownfield and Lubbock.

**Forsan Folks Attend**

**Baptist Convention**

FORSAN — The Rev. and Mrs. Luther Garner and Mrs. Charlie Alston II attended the Baptist district eight convention held in Seagraves recently.

Mr. and Mrs. Johnny Park, Wichita Falls, were recent visitors with their parents, Mr. and Mrs. Henry Park.

Recent visitors to Odessa were Mr. and Mrs. H. L. Gibson, Kent and Dickie.

Guests of Mr. and Mrs. P. P. Howard have been their son and family, Mr. and Mrs. Charles Ray Howard and Brenda of Big Lake. Chequita Fowler is visiting relatives in Tatum, N. M.

Mr. and Mrs. Cliff Fowler were in Lubbock recently visiting Mr. and Mrs. Barney Shires.

The Rev. and Mrs. John Ferguson and family, Roby, were recent visitors with her parents, Mr. and Mrs. Charlie Alston.

Mr. and Mrs. Thelbert Camp, Lubbock, visited his parents, Mr. and Mrs. T. R. Camp, also Mr. and Mrs. Dub Day.

Mrs. D. M. Bardwell, Mr. and Mrs. Price Stroud, Lees, and Mr. and Mrs. A. M. Wiggins, Big Spring, were in May to attend funeral services for their uncle, Charlie Wiggins.

**Clock Repairing**  
Electric and Spring Wind  
Modernize Grandfather's  
Old Clock  
**J. T. GRANTHAM**  
221 Main

**Ladies Night Held**

LAMESA — Ladies night was held Tuesday evening by the Kiwanis Club at the Delphian Clubhouse with J. P. White general chairman. The guests came dressed in western clothes and beheld a western theme as the decoration. The serving table featured a centerpiece of fruits in a wooden cart. Miniature shocks of grain were used on the quartet tables. Following dinner, games were directed by Rush Barnett. About 50 attended.

**New for '57**  
**Whirlpool**  
2-speed washer  
with built-in  
lint filter

Lint-free—completely automatic full-time filter! Two separate agitator speeds—normal for regular wash, slower for delicate things! Seven automatic rinses, yet it uses less water. Pink, yellow, green or all-porcelain white.

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**Eastern Star Has Initiation Rites**

LAMESA — The Order of Eastern Star held an initiation for three candidates Thursday evening when they met at the Masonic Hall. Mrs. Al Griffin as program chairman presented the program on "The Obligation."

During the evening, Mrs. R. O. Parker, worthy matron, and Ernest Moody, worthy patron, were honored by the group, prior to their going to Grand Chapter in Fort Worth on Oct. 21-25.

A refreshment hour was held with the serving table laid with a lace cloth and centered with yellow mums. Refreshments were served to about 30 by the hostesses, Mrs. Gene Sealy and Mrs. Charley Bucy.

**Mrs. Hackney Hosts Lamesa Sorority**

LAMESA — The Iotta Kappa Chapter of Beta Sigma Phi Sorority met Thursday evening in the home of Mrs. R. T. Hackney, with Mrs. Glen Hanson as the hostess. The Rev. Walter Horn spoke on "Self Analysis and Self Estimate, the Pathway to Happiness."

Mrs. Tom Wade gave the history of Beta Sigma Phi Sorority, and Mrs. Glen Hanson told of the organization of the local chapter. Seven members and four guests were present.

**Baptist Installation**

LAMESA — Mrs. Frank St. Clair was hostess Tuesday evening for the Homemakers class of the First Baptist Church when the installation of officers was conducted by Mrs. Aubrey Boswell. Installed as president, Mrs. Les Johnson; first vice president, Mrs. D. Williams; 2nd vice president, Mrs. Bob Millikan; secretary, Mrs. Clayton Childress; social chairman, Mrs. Lincoln Stockton; group captain, Mrs. Paul Gentry; class mistress, Mrs. Harold Holmes; teacher, Mrs. Ralph Ranson. Refreshments were served to about 15 members.

**Birthday Coffee**

LAMESA — Mrs. Bill Britt was complimented with a birthday coffee Friday morning at 9:30 at the home of Mrs. Jeff Shipp. Co-hostesses with Mrs. Shipp were Mrs. Carson Echols, Mrs. Elmer Cope and Mrs. L. D. Echols. The honoree was presented with a corsage and gift from the group. Refreshments were served to 15.

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**Penney's Pants Preferred Tall 'N Terrific**

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Your old stove will make the down payment!

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A Bible Thought For Today

For I know that my Redeemer liveth, and that he shall stand at the latter day upon the earth: And though after my skin worms destroy this body, yet in my flesh shall I see God. (Job 19:25-26)

Editorial

One Step Toward Holding Teachers

Based on current trends, it is estimated that Texas will come to the year 1960 with a cumulated need for 43,000 new teachers. Will they have been supplied in the meantime? We are not endowed with a gift of prophecy, but we do believe that Texans have within their power the ability to influence that answer in the affirmative.

Under terms of the proposed amendment (No. 4) a teacher would earn 1 1/2 per cent of his or her salary per annum toward retirement. After 30 years of teaching, he or she would come to the end of a career with a retirement pay of 45 per cent of the average annual earnings.

David Lawrence

Commies Want H-Bomb Tests Stopped

WASHINGTON — The Communists have achieved one of the most important of their propaganda victories in the "cold war" — they can boast over the fact that proposals for a prohibition of superbomb tests now are being debated in the presidential campaign in the United States and are attracting worldwide attention.

develop the H-bomb. The lag of nearly three years was costly to America. The argument was supposedly based on the moral side, and some of the scientists indirectly connected with Communist causes were lined up against further work on the H-bomb.

Coeds Beware

ALBUQUERQUE — Coeds who live at the University of New Mexico's New Honora Hall won't be able to sneak out at night without tripping a burglar alarm.

Another fallacy exists among the defeatists who want to place American security in jeopardy by putting trust in Russian talk about banning tests. It has, for example, been said by Mr. Stevenson and others that, if Soviet Russia broke faith and did so, some testing, they would be promptly detected.

One For The Book

LANSING, Mich. — When Zelin Goodell returned an overdue book to the Lansing Public School Library she paid a fine of \$270.00. The book had been borrowed in 1906.

Tests are necessary in order to determine not merely how to drop bombs in a war against an aggressor but how to intercept bombing planes that carry them before those planes get across the ocean.

Sure As Shootin'

GLENDIVE, Mont. — Harold Donahue was complaining bitterly to store clerk Jim Shirby that his recently purchased .22 caliber revolver didn't work.

The Board of Education however waived the fine but accepted the money as a contribution to a new school library.

Rugged Rodent

SAN DIEGO, Calif. — Firemen blamed a rat for a fire between walls of a machine shop.

When they chopped into the wall to put out the blaze, they found the rat's nest and in it — part of the match which had started the smoldering fire. The rat must have ignited the match by chewing it, they said.



'Hey! Those Things Are Dangerous!'

J. A. Livingston

How To Live Successfully With Prosperity

DETROIT — Here, in a city where you'd least expect it, in a city whose business life is monopolized by automobiles, Secretary of the Treasury George M. Humphrey gave William McChesney Martin, Jr., chairman of the Federal Reserve Board, a critic's compliment.



It may be even tougher than the problems of adversity. For when you are in trouble the whole idea is to get it over with — to make a change. What we have now we want to keep. We want good times to continue. We want to have exactly the same problem next year, the year after, and as far ahead as we can see.

Bible Words for Today

II CORINTHIANS 5:17 — "Therefore if any man be in Christ, he is a new creature; Old things are passed away; behold, all things are become new." (AV)

finding money scarce. This could hurt auto sales. The simple of it is this: Business men today are competing for credit as well as for customers.

As a consequence, for the first time since the late 'twenties, short-term money is more costly than long-term money (see chart). A corporation can get a lower price — lower rate of interest — by selling bonds than by selling commercial paper or borrowing from a bank.

Steady Voter SWEPELVILLE, N.C. — Mrs. C. P. Thompson, 72, believes in exercising her right to vote. She has voted in every county, state and federal election since the passage of the woman suffrage act 36 years ago.

California Dragon SAN DIEGO, Calif. — A 1956 arrival at the San Diego Zoo is an Australian Frilled Dragon, a three-foot lizard which the zoo says will put up a great show of ferocity but flees quickly when the foe doesn't scare. Its scaled frill rises fanwise about its head when it is angered or annoyed.

Practice Pays WALKER, Minn. — Practice makes perfect, so R. D. Witchey of Waterloo, Iowa tells D. Witchey of Waterloo, Iowa and a guide set out markers in a Leech Lake weed bed. Mrs. Witchey followed her husband's advice and made a practice cast from shore. She hooked a 3 1/2-pound muskie, measuring 51 inches long.

Around The Rim Report On Efficient Filing System

Two, three years ago I think I wrote a piece about the trials and vicissitudes of moving a household from one house into a new one. This was a pretty bitter experience, because I am still looking for some treasures that were thrown away at the junk, and am still haunted with some junk that should have been thrown away, but wasn't.

Over in the "publicity" file, there emerged such items as a news release on the new Model A, an explanatory pamphlet on the virtues of the Townsend plan, and some notes for an editorial on the burning issue of whether or not to take the street light standards out of the intersections.

Norman Vincent Peale

Most Exciting Book In The World

Not too long ago, the New Yorker, that most interesting and charming magazine, which tries so hard to be sophisticated, sent to its advertisers a promotion brochure boasting of the vast coverage it had given to one subject during the past year or two, and pointing out the tremendous reader response.

That subject was a book — and that book is the Bible. Apparently the editors were impressed that God is so popular in this country that His book is still far and away the best of all best sellers.

Bringing a Bible into your home this week. And don't let a day pass without looking into the most exciting book in the world.

Walter Lippmann

Means For Settling The Suez Issue

There have been from the beginning two Suez questions. One has had to do with the operation of the canal itself and how to insure the rights of the nations using it. The other has had to do with the threats and the challenges made by Col. Nasser in his speech at Alexandria on July 26 when he announced the seizure of the Suez Company.

At the U. N. the prospects are good that a settlement can be negotiated which involves no surrender and no victory for anyone. This is plain enough even in the public statements which, as everyone knows, are usually not conciliatory and are usually meant to appease the extremists in the speaker's native land.

Suez and New York is too great, and there is need for an organ or an agency at the canal itself which can deal with grievances. Such an organ or agency can, it seems to me, be developed out of Dr. Fawzi's proposal of "cooperation" between the Egyptian authority and the users' association.

The Big Spring Herald

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MRS. CHARLES CLARK (Photo by Barr)

## Miss Freeman Becomes Bride Of Charles Clark

Eunice Freeman and Charles Clark exchanged wedding vows Saturday at 8 p.m. in the home of Mr. and Mrs. T. A. Harris.

The bride's parents are Mr. and Mrs. G. C. Griffice Jr., 1208 Lloyd. Parents of the bridegroom are Mrs. Clarabelle Clark and Jack Clark.

Doyle Maynard, minister of the Northside Church of Christ, performed the double ring rites.

The couple stood before the mantel which held a sunburst arrangement of white gladioli and king asters. The mantel was flanked on each side with fern trees.

The bride wore a champagne colored fallie sheath dress. The bodice was styled with a low neckline accented by folds of the material, which stood away from the neck. The bouffant skirt was street length.

Her champagne velvet hat was trimmed with iridescent sequins and a face veil. Her flowers were of white button chrysanthemums atop an olive wood Testament, belonging to Mrs. Harris.

Billie Freeman, sister of the bride, served as maid of honor. She wore a blue cotton satin dress with white accessories and a white carnation corsage.

Carroll Cannon was best man. At the reception, the bride's table held the tiered wedding cake and an arrangement of white asters floating held in a crystal bowl

the shape of a wedding bell. Glenda Adams served the guests.

The couple will make a home at 1901 Scurry. They are both graduates of Big Spring High School. The bride attended H.C.J.C. Clark will continue his studies at H.C.J.C.

Mrs. Bama Clark, Snyder, was an out-of-town guest.

Following wedding tradition, the bride carried an 85-year-old handkerchief, which had been brought from England. It was given to Mrs. Harris as a wedding gift from Mrs. Florence B. Hall of Eden. A blue bow, 88 years old, also belonging to Mrs. Harris, was pinned inside the frock of the bride. Her bridal attire was new.

## Stanton FHA Elects Jim Miller As Beau

STANTON—At the FHA meeting the girls elected Jimmy Miller as the FHA Beau.

Saturday October 20 was selected as FHA Hobo Day.

The girls will do odd jobs for people such as baby sitting, washing dishes, cleaning house, and ironing.

The presidents and vice presidents of each class met recently to write the constitution for the Student Council.

## Barbecue Given

LAMESA — A barbecue was held Thursday evening at Lamar Forest Community Building for the Lamesa Firemen and their families. Dinner was served to about 70.

The  
HAIR STYLE CLINIC  
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Mr. Gordon Wheeler  
As An Addition To Their  
Staff Of Hair Dressers  
He is a graduate of the San  
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## CAMPUS CHATTER

By Mary Sue Hale



"Seven Keys To Baldpate," the first production of the Drama Department under the direction of Mr. Fred E. Short, will be presented in the college auditorium Nov. 21, 22, and 23.

The tentative cast new holding rehearsals at the junior college during week nights in preparation for this event are: Frank Dunlap, as William Magee, a novelist; Clara Freeman as Mary Norton, a newspaper reporter; Mrs. Rhodes, Mary Sue Hale; Don Lovelace, Elijah Quimby; and Billie Freeman as Mrs. Quimby.

Ann Porterfield will play the part of Myra Thornhill, and James Johnson is cast as Mayor Corgan. Maxine, the mayor's companion, will be played by Jo Ann Watkins. Ernest Northcott will add humor as Peter, the hermit, and Richard Engle will portray Chief of Police Kennedy. Acting as owner of Baldpate will be James Skeen. Ann Porterfield will serve as student director.

"Seven Keys to Baldpate, a mysterious melodramatic farce by George M. Cohan, is based on the novel, "Seven Keys to Baldpate" by Earl Derr Biggers.

The story begins with a wager made between Magee and another gentleman that it would be impossible for Magee to write a 10,000 word novel in 24 hours.

Magee then retires to the desolate spot of a hotel atop Baldpate Mountain in an attempt to accomplish this feat. The result is a series of events ranging from comedy to mild hysteria, involving moods from romance to murder.

For an evening of entertainment at its best, reserve either Nov. 21, 22, or 23 in order to see this first production by the H.C.J.C. Drama Department.

David Dibrell was chosen to head the College Y Club on Thursday, during activity period. Assisting as vice president will be Richard Engle, with Clara Freeman as second vice president. Mary Sue Hale will serve as secretary, and Georgia Bratton as treasurer.

To assume the duties of chaplain is Ann Porterfield. The meeting dates of this club, in the future, will be each second and fourth Tuesday of every month, during activity period.

Dorothy Baker closed this week's BSU meeting with a brief devotion, after a period of business concerning the organization. To

serve as social chairman this next year is Max McCullough, a student Patsy Grant will be secretary. Regular meeting time has been scheduled for the second and fourth Thursdays of every month, at 10 a.m.

Quite a bit of gadding about was done by Jayhawkers last weekend. Charlie McCarty visited Bill Bradley at Texas Tech; Billy McIlvain made a trip to Sul Ross especially to see Janette Hunt and Julie Rainwater met an Aggie, J. D. Adams, in Dallas for the A&M-Tech football game.

Julie Rainwater and Rodney Sheppard felt as though it were "old home week" in Dallas. They went down for the Texas-Oklahoma University game and visited with Sally Cowper, David Ewing and Clyde McMahon, University of Texas students; Gary Tidwell and Tom Guin, who are attending Austin College; and Shelia Sutphen and Carolyn Miller from TCU.

So far only five students who wish to run for cheerleader have gotten in touch with Arah Phillips. If you want to be a candidate for this position, see Miss Phillips not later than Monday afternoon. Yell leader elections will be held Thursday.

The Lass-O Club is sponsoring a "hen party," to which every H.C.J.C. girl is invited, on Oct. 22 at 7:15 p.m. in the home of Julie Rainwater, 716 Hillside Dr.

### Lamesa Baptist Class Has Officer Election

LAMESA — The Philathea Class of the First Baptist Church met Thursday evening in the home of Mrs. Dick Edwards for the installation of officers. Mrs. Buster Reed used a musical theme, with each officer being given an instrument representative of her office.

Installed as president was Mrs. LeRoy Colgan; vice president, Mrs. Doyle Childs; secretary, Mrs. C. E. Ford; social chairman, Mrs. Bill Beeson; group captains, Mrs. J. W. Harp and Mrs. H. Henderson; publicity, Mrs. R. B. Snell and teacher, Mrs. Ira Ashley. Hostesses assisting Mrs. Edwards were Mrs. LeRoy Colgan and Mrs. Bill Beeson.

### Visitor Honored

LAMESA — Mrs. Tom Brannon was the hostess for a party recently honoring Mrs. Charles King of Wichita, Kan. The serving table was laid with a brown linen cloth with a centerpiece of fruit in a wooden bowl. Mrs. King and her two children have been visiting the past week with her parents, Mr. and Mrs. V. Z. Rogers.

"WE HAVE MET THE ENEMY AND THEY ARE OURS"  
(Author's name below)

Among the enemies we are conquering are such well known destroyers of life as Small Pox, Typhoid, Pneumonia, Tuberculosis, and many virus invaders.

Medical and pharmaceutical research workers are on the brink of overcoming even Polio, Cancer, and Cardiac diseases. In our prescription department, carefully stored to protect their potency, are the important medicines your physician can prescribe.

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# PLATTER PALAVER

By Mary Sue Hale

Just about the hottest thing on wax around this area is undisputedly "Green Door" by Jim Lowe. Teamed with "The Little Man in Chinatown," high fidelity makes this record even more desirable. A good rendition of the theme from "Giant" is done by Jack Pleis, his orchestra and chorus, on Decca. "Lonesome Without You" is the flip side.

A group that can be counted on to deliver the best is the Crew Cuts. And they do their superb best on their latest "Love in a Home," and "Keeper of the Flame." Sammy Davis Jr. lays aside all gimmicks and clowning to sing a straight arrangement of "Earthbound." A beautiful number, it has quite a future, if present indications of its early reception are any criterion. He returns to a little intermingled comedy for the accompanying number, "Just One of Those Things."

Ross Morgan's "Lay Down Your Arms" seems to me to be along the same line as "Yellow Rose of Texas." Perhaps it has appeal for the public, for it has been fairly well accepted, at this early date. Gogi Grant, the female vocalist who will be connected with her top notch recording of "The Wayward Wind" for quite a spell, has a new record entitled "You're in Love"

on the market. This one has definite possibilities to go over with a bang.

Although the title isn't especially fitting, Patti Page's "Throw Mama From the Train" is one of the prettiest numbers I have heard recently.

An instrumental that has been released but a short time is "Petticoats of Portugal" done by Billy Vaughn. A number of other renditions by well known orchestras are bidding the mentioned versions for honors.

From indications of sale of records, most played records, etc. the Big Spring area, along with the

rest of this nation, have gone out for another hit to follow "Sixteen Tons" with his latest "First Born" backed with "Have You Seen Her." The latest product by Nat King Cole is a very promising pair of songs, "Night Winds" and "To The End of the Earth."

## Randolph Scott Movie Returns

"Seven Men From Now," starring Randolph Scott and Gail Russell, returns to two Big Spring theatres this week. The film shows Thursday through Saturday at the Sahara and Jet Drive-In theatres. The Sahara feature also double-bills "Three Bad Sisters," with Marla English and John Cromfield.

The Scott movie tells the story of a man tracking down seven men he feels are responsible for his woman's death.

## TOPS ON TV

### 'Lucy', 'December Bride' Return To Channel Four

Earlier sign-on for KBST TV goes into effect Monday with Channel Four opening shop an hour sooner with a full-length matinee movie. "Hollywood Star Theatre's" late evening offering will do a repeat performance for afternoon viewers at 3:30 each week day immediately following "Afternoon Devotional" at 3:25 p.m.

**TODAY'S GAME**  
Today, the local station televises the San Francisco Forty-Niners - Chicago Bears professional football game at 12 noon, continuing weekly coverage of mid-western, National club clashes during the current season. Slated for next Sunday is the Baltimore Colts-Chicago Bears game in the Windy City.

**"I LOVE LUCY"**  
Add "I Love Lucy" with Lucille Ball and Desi Arnaz to the line-up of shows on KBST TV every other Monday evening at 7 p.m.

**"DECEMBER BRIDE"**  
"December Bride," starring Spring Byington as Lily Ruskin, returns Monday evening at 7 p.m. on Channel Four, backed by a favorite, familiar cast which in-

cludes Matt and Ruth; Lily's old side-kick, Hilda Crocker; and Pete, the neighbor who's a natural at turning a neat phrase.

**JOAN FONTAINE**  
Joan Fontaine, Michael Wilding, Elsa Lanchester and Tom Conway star in "Stranger in the Night" Wednesday at 8 p.m. on "The 20th Century-Fox Hour." The play is a television of R. A. Dick's novel, "The Ghost and Mrs. Muir," dealing with the romance of a spirited, yet fragile widow and the virile ghost of a deceased sea captain.

**WESTERN SHOWS**  
Television takes to the sage country for a winter series of Western programs, newest of which is "Steve Donovan, Western Marshal" seen locally at 7 p.m. on Thursday. Douglas Kennedy is seen as Donovan, rider, roper and two-fisted lawman, smart as he is brawny (six foot, three inches) honest as he is brave.

Preceding the new show is "Eddie Arnold Time" at 6:30 o'clock, a series that includes Arnold singing all-time song hits that sold 30 million discs in the last 10 years.

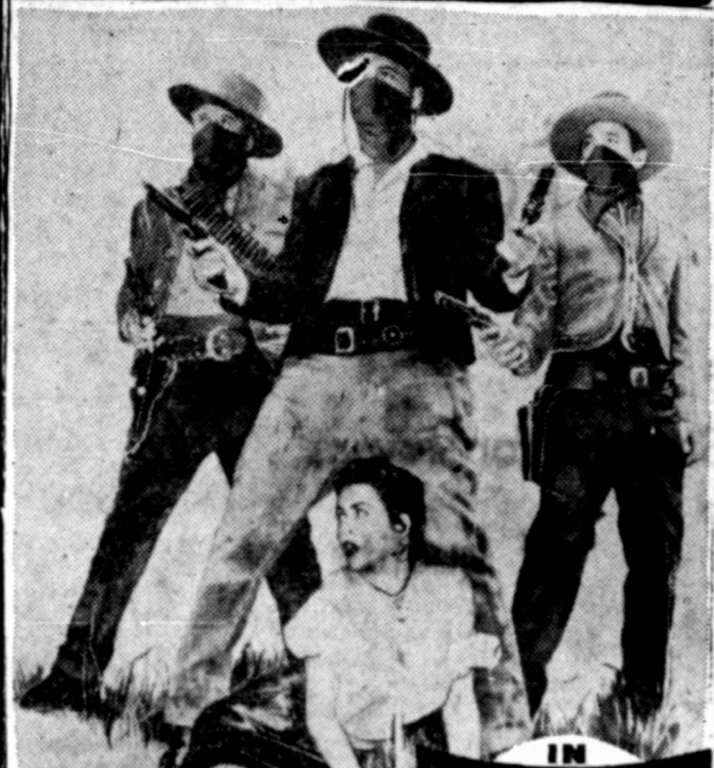
rest of this nation, have gone out for another hit to follow "Sixteen Tons" with his latest "First Born" backed with "Have You Seen Her." The latest product by Nat King Cole is a very promising pair of songs, "Night Winds" and "To The End of the Earth."

# TERRACE DRIVE-IN THEATRE TONIGHT AND MONDAY

OPEN 6:30 — STARTS 7:15  
ADULTS 40c — CHILDREN FREE

- THE TERRACE FEATURES:
- GIANT CINEMASCOPE SCREEN
  - PLAYGROUND FOR THE KIDS
  - MODERN CONCESSION
  - PATIO

## A TERROR-TRIO THAT CARVED A SCAR ACROSS THE WEST!



# BOUTLAWS

NEVILLE BRAND  
ALAN HALE  
BRUCE BENNETT  
JEANNE CARMEN  
PLUS: 2 COLOR CARTOONS

**RITZ THEATRE** WIDE SCREEN THEATRE  
OPEN 12:45  
ALL SEATS 75c  
STARTS TODAY  
ADULTS ONLY—NO CHILDREN TICKETS SOLD

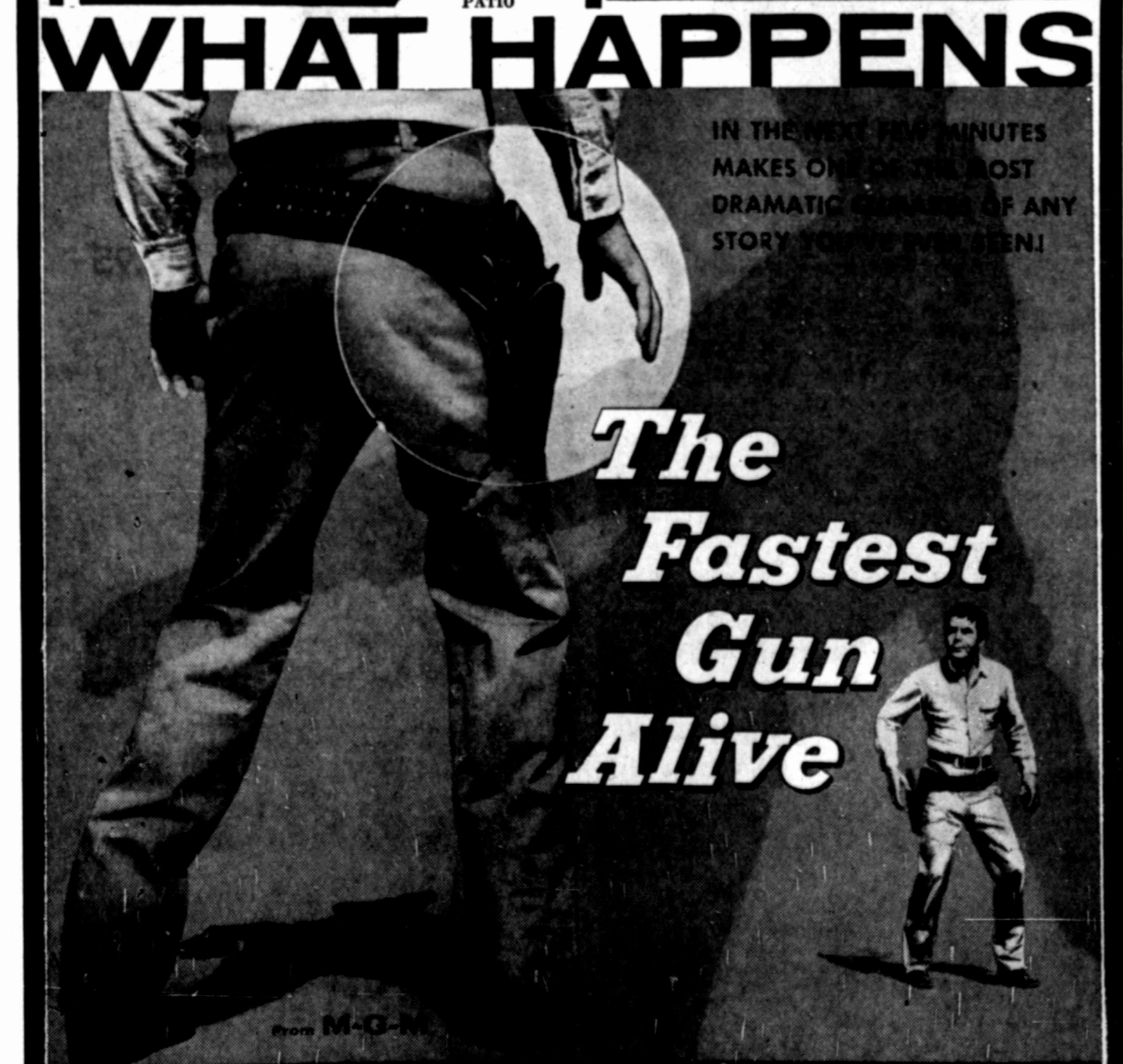
NOTE: NO ONE WILL BE SEATED DURING THE LAST 15 MINUTES.



**THE BAD SEED** The story of this picture may not be suitable for some movie-goers. It will pack a special wallop for others--because its theme is so sensational, its drama so daring. It is magnificent entertainment, but it seems wise to recommend it to Adults Only.

From WARNER BROS. starring the original-prize-winning cast of the great Broadway play.  
STARRING NANCY KELLY AND INTRODUCING PATTY MCCORMACK WITH HENRY JONES-EILEEN HECKART-EVELYN VARDEN-A MERVYN LEROY PRODUCTION  
Screen Play by JOHN LEE MAHIN Based upon the play by MAXWELL ANDERSON and the novel by WILLIAM MARCH music by ALAN HOWE Directed by MERVYN LEROY  
Talk all you want about the man and the woman-- BUT PLEASE DON'T TELL ABOUT THE GIRL!

**DRIVE IN** WIDE-SCREEN THEATRE  
VISIT OUR MODERN CONCESSION  
HUGE PLAYGROUND PATIO  
STARTS TONIGHT



OPEN 6:30  
STARTS 7:15  
ADULTS 50c  
CHILDREN FREE  
ALWAYS 2 COLOR CARTOONS

from M-G-M starring  
**Glenn Ford • Jeanne Crain • Broderick Crawford**  
with RUSSELL TAMBLYN • FRANK D. GILROY and RUSSELL ROUSE  
Screen Play by FRANK D. GILROY • Directed by RUSSELL ROUSE • Produced by CLARENCE GREENE  
Based Upon the Story "The Last Notch" by

**STATE THEATRE** WIDE SCREEN THEATRE  
OPEN 12:45  
ADULTS 40c  
CHILDREN 10c  
DOUBLE THRILL SHOW  
STARTS TODAY

**HYPNOTIZED!**  
Every man its prisoner... every woman its slave

**IT CONQUERED THE WORLD**

Reincarnated as a Monster from Hell!

**THE SHE-CREATURE**

CHESTER MORRIS  
MARLA ENGLISH  
TOM CONWAY

ALSO—COLOR CARTOON

# STORK CLUB

## WEBB AFB HOSPITAL

Born to A-1C and Mrs. Ollie A. Matthews, 906 West 3rd, a daughter, Sharon Ardean, at 8:15 a.m. Oct. 10, weighing 5 pounds 5 1/4 ounces.

Born to A-2C and Mrs. Granbil D. Arthur, Garden City, a daughter, Cynthia Lee, at 12:08 p.m. Oct. 7, weighing 5 pounds 14 ounces.

Born to Sgt. and Mrs. John E. Bagwell, 1038 East 10th, a daughter, Sharon Kay, at 10:27 p.m. Oct. 7, weighing 7 pounds 4 ounces.

Born to Sgt. and Mrs. Omer L. Binton, Odessa, a son, Hal, at 9:25 p.m. Oct. 8, weighing 8 pounds 8 ounces.

Born to 1st Lt. and Mrs. Keith L. Hansen, OK Trailer Courts, a son, Stephen Lee, at 7:51 a.m. Oct. 9, weighing 5 pounds, 6 ounces.

Born to A1C and Mrs. Anton F. Kosicek, Ellis Homes, a son, Terence Michael, at 6:17 a.m. Oct. 11, weighing 6 pounds 14 ounces.

Born to A2C and Mrs. DeWitt Tidwell Jr., Box 131, a son, DeWitt III, at 2:45 p.m. Oct. 11, weighing 6 pounds 5 ounces.

## MALONE-HOGAN HOSPITAL-CLINIC

Born to Mr. and Mrs. R. N. McCree, 1404 Wood, a daughter, Kathleen Dorette, at 4:16 p.m. Oct. 6, weighing 6 pounds 5 1/4 ounces.

Born to Mr. and Mrs. Joe H. Ryan, 214 B. Willa, a daughter, Cheryl Louise, at 10:20 p.m. Oct. 7, weighing 6 pounds 3 1/4 ounces.

Born to Mr. and Mrs. S. T. Chesteam, 1612 Canary, a daughter, Cindy Lee, at 7:40 p.m. Oct. 7, weighing 6 pounds 3 1/4 ounces.

Born to Mr. and Mrs. James R. Piper, 908 East 13th, a daughter, Lucille Ann, at 7:42 p.m. Oct. 8, weighing 6 pounds 8 ounces.

## BIG SPRING HOSPITAL

Born to Mr. and Mrs. Charles Ray Brown, Rt. 1, a son, Charles Winston, at 6:25 p.m. Oct. 6, weighing 6 pounds 8 ounces.

Born to Mr. and Mrs. Gerald Glen Jones, Box 972, a son, Jesse Lee, at 1:03 p.m. Oct. 6, weighing 7 pounds 15 ounces.

Born to Mr. and Mrs. Clinton Doyal Maxwell, 102 West 13th, a daughter, Dena Rancee, at 11:20 p.m. Oct. 7, weighing 6 pounds 6 ounces.

Born to Mr. and Mrs. Bobby Gene Merrick, Rt. 1, a son, no name given, at 10:15 p.m. Oct. 9, weighing 6 pounds 9 ounces.

Born to Mr. and Mrs. Denver G. Hart, 904 1/2 East 12th, a son, Danny Gerald, at 11:59 p.m. Oct. 8, weighing 7 pounds 5 1/2 ounces.

Born to Mr. and Mrs. Raymond James Sprawls, 1306 Lamar, a son, James Thomas, at 9:33 p.m. Oct. 8, weighing 7 pounds 8 ounces.

Born to Mr. and Mrs. F. M. Everett, 1208 Sycamore, a daughter, Patricia Jean, at 1:27 a.m. Oct. 10, weighing 8 pounds 4 ounces.

Born to Mr. and Mrs. Stanley

Barnes, Stanton, a daughter, Peggy Lynette, at 10:11 a.m. Oct. 9, weighing 7 pounds 3 ounces.

Born to Mr. and Mrs. Lorenzo Caballos, Box 78, a daughter, no name given, at 2:52 p.m. Oct. 10, weighing 7 pounds 12 ounces.

Born to Mr. and Mrs. Thomas R. Ray, 507 East 7th, a daughter, no name given, at 7:16 a.m. Oct. 10, weighing 5 pounds 14 ounces.

**MEDICAL ARTS HOSPITAL**  
Born to Mr. and Mrs. Harold Edwards Bronaugh, 208 East 19th, a daughter, no name given, at 10:14 a.m. Oct. 6, weighing 6 pounds 11 1/2 ounces.

Born to Mr. and Mrs. Edward Chavarria, 504 Northeast 9th, a son, no name given, at 1:02 a.m. Oct. 8, weighing 7 pounds 6 1/2 ounces.

Born to Mr. and Mrs. Joe Byrd, Midland, a son, Joe Ben Jr., at 10:55 a.m. Oct. 9, weighing 3 pounds 8 1/4 ounces.

## Diet Food

Skim milk is said by some doctors to be as good a source of calcium, phosphorus, iron and protein as whole milk.



## Available for a limited time only! LANVIN GIFT SET

**ARPEGE**  
5.50\*

**MY SIN**  
5.00\*

Lanvin world famous fragrances in an attractive Lanvin gift box—suitable for birthdays, weddings, anniversaries, week-end hostess remembrances—certainly something you can buy now and put aside for Christmas giving.

*Humphill-Wells*

## COMING EVENTS

**MONDAY**  
STERLING TEMPLE, PATRIAN SISTERS will meet at 7:30 p.m. at Castle Hill.  
NCO WIVES CLUB will meet at 7:30 p.m. at the NCO Club.  
AIRPORT BAPTIST WMS will meet at the church at 2 p.m.  
FIRST BAPTIST WMS will meet at 2 p.m. at the church.  
FAITH METHODIST WMS will meet at 7:30 p.m. at the church.  
WESTSIDE BAPTIST WMS will meet at the church at 2 p.m.  
CIRCLES OF THE FIRST CHRISTIAN CHURCH will meet as follows: Mary Martha Circle will meet in the home of Mrs. N. C. Bell, 511 Edwards drive at 2 p.m.; Lydia Circle will meet at the church at 7:30 p.m.  
ST. MARY'S EPISCOPAL GUILD will meet at 1:30 p.m. at the church.  
MU ZETA CHAPTER OF BETA SIGMA PHI will meet in the home of Mrs. Elmer Giles, 1106 Pickens at 8 p.m.  
HOME STUDY CLUB will meet at 7:45 p.m. in the home of Mrs. Ray Broadard, 1723 Purdie.  
BIG SPRING FEDERATION OF WOMEN'S CLUBS will meet at 8 p.m. in the home of Mrs. G. H. Wood, 1300 Rutledge.  
FIRST PRESBYTERIAN WOMEN OF THE CHURCH will meet at the church at 1 p.m. for a luncheon.  
WOMEN OF ST. PAUL PRESBYTERIAN CHURCH will meet as follows: Circle Number One will meet with Mrs. John Multiseller, 1219 East 16th, at 2:30 p.m.; Circle Number Three will meet in the home of Mrs. Howard Woertendyke, 1414 Tucson, at 2:30 p.m.

**TUESDAY**  
FIRST PRESBYTERIAN WOMEN OF THE CHURCH will meet in the home of Mrs. Lucian Jones, 434 Westover Road, at 2 p.m.  
LADIES BIBLE CLASS OF THE MAIN STREET CHURCH OF CHRIST will meet at the church at 10 a.m.  
BIG SPRING REBEKAH LODGE will meet at IOOF Hall at 7:30 p.m.  
JOHN A. KEE REBEKAH LODGE will meet at 7:30 p.m. at Carpenters Hall.  
AIRPORT BAPTIST WMS will meet at the church at 9:45 a.m.  
MARY ZINN AND MAUDE MORRIS CIRCLES OF THE FIRST METHODIST CHURCH will meet in the home of Mrs. Dave Duncan at 2 p.m.  
WESLEY MEMORIAL METHODIST WMS will meet at 9:30 a.m. at the church.  
BAPTIST COLLEGE CHAPEL WMSU will meet at the church at 9:30 a.m.  
REBA THOMAS CIRCLE OF THE FIRST METHODIST CHURCH will meet in the home of Mrs. Clyde Thomas Sr., 1603 Loree, at 7:30 p.m.

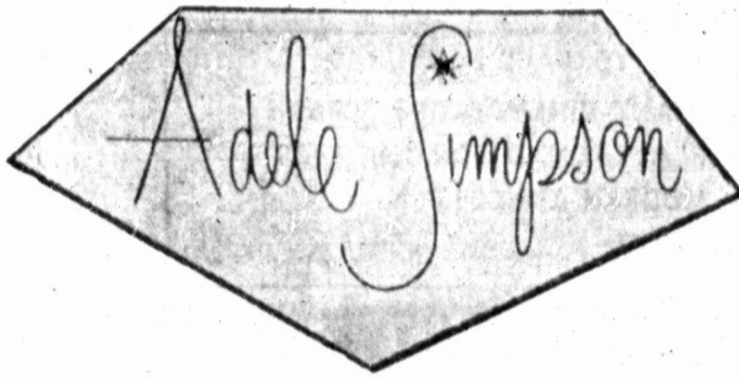
TB ASSOCIATION will meet at 7:15 p.m. at the Health Unit at the Read Hotel.  
OFFICERS' WIVES CLUB will have a Newcomers Coffee at 10 a.m. in the Officers' Lounge. The Desk and Derrick Club will present a program.  
JAYCEE-ETIES will meet at 8 p.m. at the wagon wheel.  
ROSA ANN PARKS CIRCLE OF THE FIRST CHRISTIAN CHURCH will meet at 7:30 p.m. at the church.  
ORDER OF EASTERN STAR will meet at 7:30 p.m. at Masonic Hall.  
FAIRVIEW HD CLUB will meet at 2 p.m. in the home of Mrs. R. N. Adams, 107 Dixie.  
FACULTY MA'AMS will meet in the home of Mrs. Orsaud Johnson, 114 Lexington, at 4 p.m.  
BAPTIST TEMPLE WMS will meet at the church at 9:30 a.m.

**WEDNESDAY**  
LADIES SOCIETY OF BLFAE will meet at 80 and 2nd Avenue at 3 p.m.  
HILLCREST BAPTIST WMSU will meet at the church at 7:30 p.m.  
FIRST METHODIST CHORAL AND BIBLE STUDY will meet at the church at 7 p.m.  
FIRST BAPTIST CHORAL will meet at 8:30 p.m. at the church.  
LADIES HOME LEAGUE, SALVATION ARMY, will meet at 2 p.m. at the Citadel.  
AIRPORT BAPTIST SUNSHINE will meet at 3:30 p.m. at the church.  
FIRST CHRISTIAN BIBLE STUDY GROUP will meet at 7 p.m. at the church.  
FIRST PRESBYTERIAN WOMEN OF THE CHURCH will meet in the home of Mrs. Jack Wilcox, 207 Washington, at 3 p.m.  
AAUW will meet in the home of Mrs. B. M. Kease, 203 Princeton, at 7:30 p.m. for a tea. This is a change in day of meeting.  
LIONS' AUXILIARY will meet for luncheon at the home of Mrs. Choc Jones, 603 West 17th, at 1 p.m.

**THURSDAY**  
FIRST PRESBYTERIAN WOMEN OF THE CHURCH will meet in the home of Mrs. Cecil Wasson, San Angelo Highway, at 2 p.m.  
FIRST CHURCH OF GOD LMS will meet at 9 a.m. at the church.  
CAYLONA STAR THEA & RHO GIRLS CLUB will meet at 7:30 p.m. at IOOF Hall.  
AIRPORT P-TA will meet at 3 p.m. at the school.  
KOUFLES DANCE CLUB will meet at 9 p.m. at Elks Club.  
CREDIT WOMEN'S CLUB will meet at 12 noon at the Howard House.  
OFFICERS' WIVES CLUB will meet for bridge and canasta at 1:30 p.m. at the Officers' Club. Hostesses will be present.

Members of the board and council.  
1948 HYPERION CLUB will meet at 1 p.m. in the home of Mrs. C. M. Adams, 1719 Harvard, for a luncheon.  
GOLD STAR MOTHERS will meet in the home of Mrs. S. E. Nobles, 405 Washington, at 9:30 a.m.  
**FRIDAY**  
VAGUE BEAVER SEWING CLUB will meet at 2 p.m. in the home of Mrs. R. J. Findley, 1801 Owens.  
CITY FIREMEN'S AUXILIARY will meet at 2 p.m. in the home of Mrs. E. E. Smith.  
BOOK CLUB will meet at 3:30 p.m. in the home of Mrs. W. A. Underwood, 611 Goliad.  
WOMAN'S FORUM will meet at 2 p.m. at the home of Mrs. Lucian Jones, 434 Westover Road.  
FIRST PRESBYTERIAN WOMEN OF THE CHURCH will meet at 3 p.m. in the home of Mrs. F. H. Talbot, 103 Canyon.

## INTRODUCING



FOR FALL

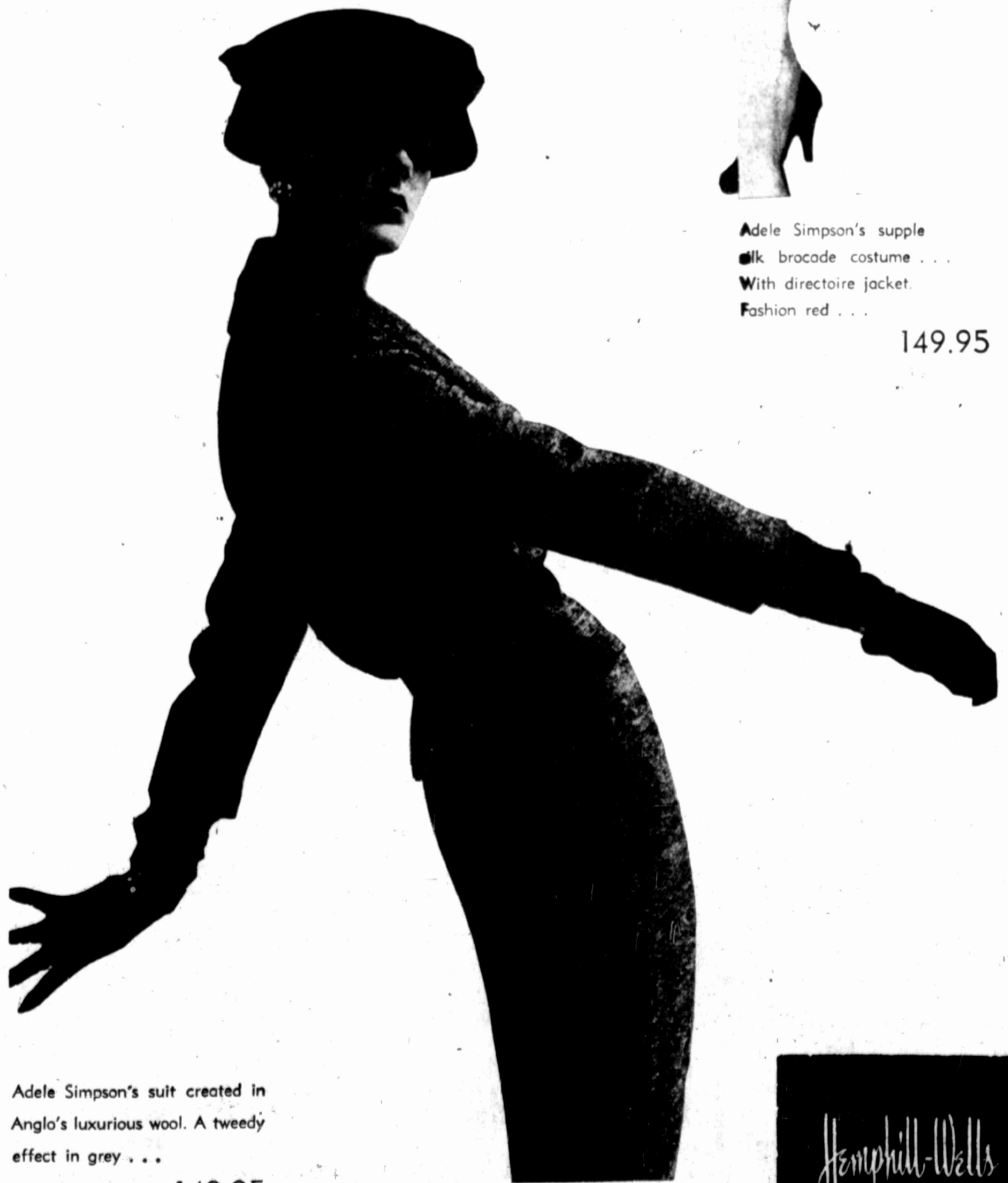
Strictly for lovers . . .  
of quality

Season after season the finest fashions have been and are Adele Simpsons . . . Why live a few dollars away from your best appearance?



Adele Simpson's supple silk brocade costume . . . With director's jacket. Fashion red . . .

149.95



Adele Simpson's suit created in Anglo's luxurious wool. A tweedy effect in grey . . .

149.95

*Humphill-Wells*

the shoe you saw in . . .

Charm & Ladies' Home Journal

now at

*J&K shoe store*



Easy . . .

on your feet and Budget

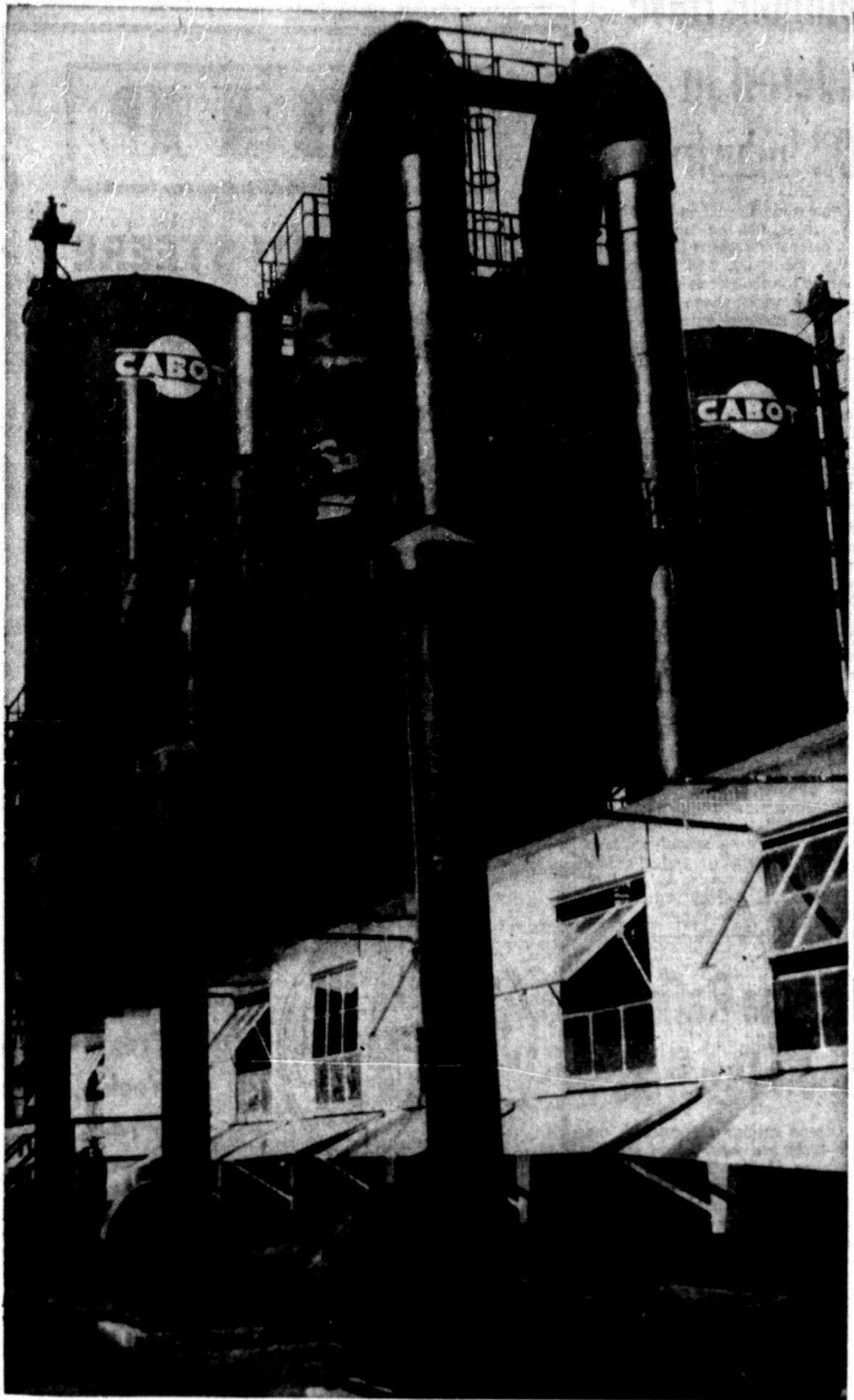
Velvet step only \$6.95

"Seneca" . . . light, flexible, fabulously fitting . . .

- airfoot Goodyear rubber innersole
- cushioned arch
- elasticised instep
- crepe sole
- soft glove leather
- ranch tan, or black.
- sizes 4 to 10 slim, narrow, medium, extra wide.

*J&K shoe store*

Here is a... is whipped... furnished at eye... as carbon...  
Cal...  
Exp...  
Two pet...  
once were...  
market pro...  
into an ind...  
modern pro...  
This bit...  
being wrot...  
Carbon Co...  
heavy oil t...  
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Where The Great Separation Takes Place

Here is the heart of Cabot Carbon Company's plant for making furnace black east of Big Spring. Air is whipped in through centrifugal blowers (short stacks in foreground) and is combined with gas and furnace oil. The hot gases then ascend to the towering separators (top center). While they are circulated at cyclonic force, they are charged with electricity so that particles tend to collect and precipitate as carbon black.

## Cabot Carbon Continues To Expand, Improve Plant Here

Two petroleum products which once were considered a waste and market problem have been turned into an indispensable ingredient of modern progress.

This bit of chemical magic is being wrought here by Cabot Carbon Company with gas and heavy oil to produce carbon black. Without it, automobile tires might be almost as soft as putty and unable to withstand the heat and punishment generated in today's high speed driving. There are, of course, numerous other uses for the carbon, ranging from printers ink to plastics.

Cabot's plant in Big Spring — called the Dixon plant after W. S. Dixon, production superintendent — is of the smokeless variety. The old type of carbon black plant, the channel black units, with their billowing clouds of soot, are all but passed. Now, gas is combined with special burning oils to yield new and more versatile grades of furnace black.

Every day, Cabot's plant takes around 1,000 barrels of special furnace oil from Cosden's refinery just to the west. This is combined with gas from Empire Southern Gas (last year more than a billion cubic feet were required) in various proportions to yield a desired grade of black.

In many respects the Dixon plant is a model one, certainly in neatness and housekeeping. Thousands upon thousands of dollars have been invested within the past year to paving the working area around the plant. Around four acres have been thus protected, including something like 54,000 square feet to concrete around and under the machinery and working areas. Another 100,000 or more square feet of yard and storage area was given asphaltic paving.

A. R. (Dave) Davenport, superintendent, pointed out that Cabot did not stop there with its housekeeping program. Around four or five acres surrounding the office wash house and pump houses have been sodded. Moreover, some 300 trees have been planted, and while this has had a strikingly beautiful effect, Cabot had more than esthetic values in mind. The grass and trees will serve to anchor the sandy soil and provide a windbreak. In the meantime, they reflect the civic consciousness of a big company.

Another development has been the addition of another warehouse which will take care of 10,000,000 pounds more bag storage. Today, five warehouses can handle around 20,000,000 pounds in bag storage while two big concrete silos will accommodate another 6,500,000 pounds of bulk storage.

Cabot distributes black from the plant here all over the world, but

around 75 per cent of it moves to the North and East, or more specifically to Akron, Ohio, the center of the rubber industry. Cabot ships around 750 carloads (half of this in special tank cars) per year, and the remaining 25 per

cent of production goes by truck. The regular working force is around 80 to 85 men drawing in excess of \$400,000 per annum. Eight to 12 special or construction workers boost the annual payroll near the half million mark.

## BIG SPRING DAILY HERALD

OIL PROGRESS BIG SPRING, TEXAS, SUN., OCT. 14, 1956 OIL PROGRESS

# Gas, Once Flared, Now Being 'Milked'

Once thousands of flares took care of natural gas which was produced incidentally with oil. Now flares are rare, and instead gas is being milked of valuable products before being sent on its way to the industrial and domestic market as fuel.

Reef Fields Gasoline Company operates a plant in northern Howard County which utilizes and thus conserves this valuable natural resource. Everyday now some 33,000,000 cubic feet of natural gas go into the plant, and 60 per cent of that amount is turned over to

El Paso Natural Gas for delivery into far West Texas and to the West Coast. Meanwhile, with increased volume, the plant will be recovering 290,000 gallons per day of liquid products. Last year, when the daily volume averaged out around 28,000,000 cubic feet per day, Reef Fields recovered approximately 18½ million gallons of natural gasoline, 5½ million gallons of isobutane, 14½ million gallons of normal butane and 44 million gallons of propane.

Lines have been extended into

the Luther Southeast Field in north central Howard County and up into the blossoming Jo-Mill and Arthur Spraberry area of southwestern Borden County. In the latter sector they range from 4 to 24 inches. Enlarged compressor facilities are being installed in the south west Borden areas to take the low pressure flow and mash it to 650 pounds of pressure per square inch and send it on its way to the plant. When gas arrives at the plant it is pumped into an oil which absorbs its liquid content. As pressure is released the now dry gas is diverted to El Paso Natural gas while the absorption oil is heated until natural gasoline, isobutane, butane and propane are driven out and fractionated. These products are pumped to the terminal on the T&P at Sand Springs. Natural gasoline and isobutane are piped immediately to Cosden's refinery a few miles to the west.

Remaining products are stored in great cavities underground. The method of conserving LPG has made it possible for plants such as Reef Fields to maintain a continuous flow of production the year around. In six of these caves washed out of salt domes (every nine barrels of fresh water washes out one of salt; some 8,000,000 gallons of propane and 3,000,000 of normal butane gas are stored 900 to 1,300 feet below the surface. To recover LPG, operators simply pump in a like amount of saturated salt water.

Reef Fields draws gas from the Von Roeder field in Scurry and Borden counties, from the Reincke, Hobo, Good, Good-Northeast Jo-Mill and Arthur Spraberry in Borden Counties, the Oceanic, Vealmoor, East Vealmoor, North Luther and Luther Southeast in Howard County. It maintains five compressor stations.

Some 6 people are required to staff and operate the plant and its terminal point. The annual payroll approximates \$265,000. The Reef Fields system is connected to about 480 wells.

## Cosden Expands Pipe Line System

Pipe lines consume very little space, but they carry large amounts of petroleum products.

And Cosden pipe lines are carrying more products today than a year ago because of two new lines.

Cosden opened two new pipe lines since January — one to serve Webb AFB and the other to Abilene. Cost of both ventures is about \$1.5 million. This was paid from the pension fund and is being operated as the Trust Pipe Line Company. Profits from the line will go into the employees' pension fund.

The 103½-mile line from Cosden's refinery to the Abilene terminal was completed in March but was not put in use until May. The terminal there supplies jobbers and service stations in that area with gasoline. It is 6½-inch line.

Before the line was opened, all petroleum products were shipped in tank cars.

August 29, Abilene, Cosden, and Abilene AFB officials opened a spur line from the main pipe to the new Air Force Base for carrying jet fuel. Last month, this line carried 33,312 barrels of jet fuel to the Air Base.

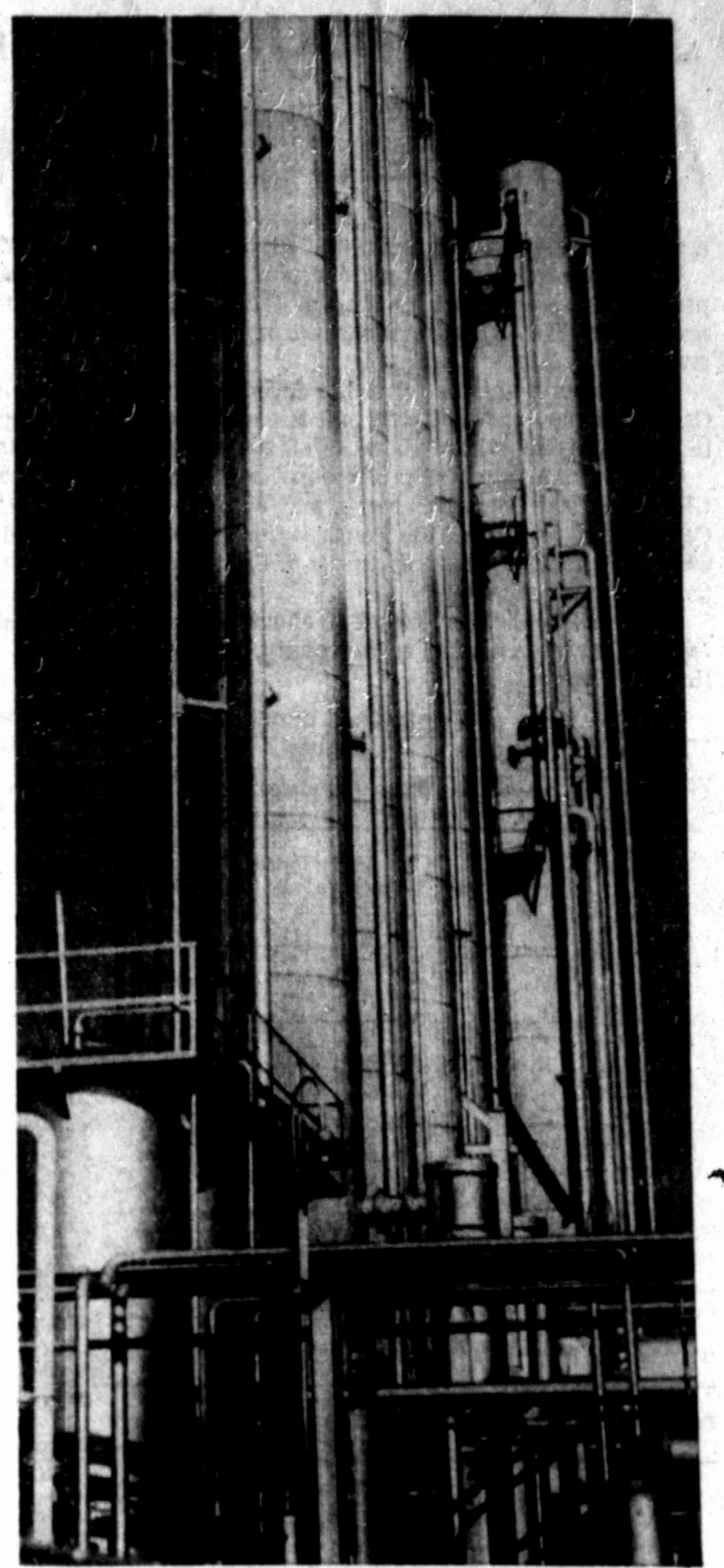
On the main line to the terminal, 67,284 barrels of gasoline passed through in September.

The pipe line to Webb loops around the north edge of Big Spring and was officially opened Aug. 6. It measures 11 miles and is a 5½-inch pipe. Over this line in September flowed 47,035 barrels of jet fuel.

Not only was the opening of the line to Webb a sign of progress and expansion but one of safety also. Before the line came into use, about 70 transport-truck loads of jet fuel rolled through the downtown area between Cosden and Webb daily.

Although no accidents occurred, city officials felt the removal of the trucks lessened fire possibilities here.

Cosden does not plan to stop



Fluids From Gas

In this section of towers, most of the separation of products of the Reef Fields natural gasoline plant takes place. Natural gas is subjected to an oil which absorbs the liquid content. Then the liquid content is driven out of the absorption oil by heat.

Oil Progress Week  
Oct. 14-20

## Texas Wells Energize the Nation

America's high standard of living is keyed directly to consumption of energy — 67% of which comes from oil and gas. Texas produces 43% of the domestic crude oil and 53% of the natural gas which powers U. S. machinery ranging from lawnmowers and automobiles to giant electric generating plants and factories.

The dependability of this supply of energy is tied directly to the success of the men who hunt for new oil supplies. This seek-and-develop program is in itself a billion-dollar-a-year industry in Texas.

Conditions which stimulate the development of Texas petroleum reserves benefit Texas and the nation as well.

# C & R Transport Co. Inc.

TRANSPORTER OF PETROLEUM PRODUCTS  
East Highway 80 Dial AM 4-8640

*Victor Mellinger's*  
Store for Men & Boys

Has Been Serving Howard County Oil Men Since The First Oil Well Was Drilled In Howard County . . .

## THE HYER NO. 1 CLAY NOV., 1925

# PROGRESS

Has been made in Howard County since the first oil well, and also in Men's Clothing. Mellinger's has always brought the highest quality men's apparel at the lowest possible prices to the men of West Texas . . .

### Mellinger's Take Pride

In furnishing clothing to the "Best Dressed Oil Men" in West Texas . . . Suits, work clothing, dress shoes, driller's boots and everything that "Smartly Dressed Men Want to wear" from the nation's top manufacturers.

*Victor Mellinger's*  
Store for Men & Boys  
THREE AN AN MAIN

# 31 Geologic Formations Identified In Howard Co.

Thirty-one recognized geologic formation have been encountered by oil well drillers in their explorations below the surface of Howard County.

Eleven of these formations now produce oil in the county, as shown on the accompanying chart prepared by Chester Barnes, Big Spring's only independent geologist and researcher. The 31 formations encountered represent nine systems of three geologic areas.

Barnes points out that the formations have not been as well divided in Howard County as they are in Upton and Midland counties (for example), due to their increased thickness basinward and because of the more intensive study in those areas.

Formations which produce in Howard County are the Yates, Queen, San Andres, Glorietta, Clear Fork, Spraberry, and Wolfcamp, all in the Permian System; the Cisco, Canyon and Strawn of the Pennsylvanian; and the Silurian Devonian. The Fusselman, which has been reported northeast of Big Spring, is considered by Barnes to actually be the Silurian Devonian.

The Ellenburger, found at about 9,000 feet in the eastern part and at about 10,500 feet in the western edge of the county, is the deepest that wells have been drilled in Howard County.

GENERAL GEOLOGY OF HOWARD COUNTY						
ERA	SYSTEM	SERIES	GROUP	FORMATION	LOCAL NAMES	
Cenozoic	Tertiary	Undifferentiated	Ogalalla	Ogalalla	Ogalalla (Fresh Water)	
			Gulf (undifferentiated)	Washita	Fredericksburg	Fredericksburg
Mesozoic	Cretaceous	Comanche	Fredericksburg	Trinity (Basement Sands)	Trinity (Carries fresh water as at City Park)	
			Triassic	Dockum	Chihle	Triassic red beds
			Ochoa	Ochoa	Santa Rosa	(Water is usually brackish. Some fresh)
Permian	Guadalupe	Whitehorse	Dewey Lake	Dewey Lake	Dewey Lake	
			Rustler	Rustler	Anhydrite	
			Salado	Salado	Main Salt	
			Tansill	Yates	Brown Lime ●	
Permian	Leonard	"San Andres"	Seven Rivers	Seven Rivers	Seven Rivers ●	
			Queen	Queen	Queen "Red Sand" ● H	
			Grayburg	Grayburg	Grayburg Brown Lime ●	
			San Andres	San Andres	Big Lime ● H	
Permian	Leonard	Leonard	Glorieta	Glorieta	San Angelo, Holt ● H	
			Clear Fork	Clear Fork	Tubb Fullerton ● H	
			Wichita	Wichita	Wichita-Albany ●	
			Spraberry	Spraberry	Spraberry ● H	
Paleozoic	Wolfcamp	Wolfcamp	Dean Sand	Dean Sand	Dean Sand ●	
			Wolfcamp	Wolfcamp	Wolfcamp ● H	
Pennsylvanian	Pennsylvanian	Pennsylvanian	Cisco	Cisco	"Pennsylvanian" ● H	
			Canyon	Canyon	Canyon ● H	
			Strawn	Strawn	Strawn ● H	
Mississippian	Mississippian	Mississippian	Bend	Bend	Bend ●	
			Barnett	Barnett	Barnett	
Devonian	Devonian	Devonian	Chappell	Chappell	Chappell ●	
			Woodford	Woodford	Woodford	
Silurian	Silurian	Silurian	Fusselman	Fusselman	Fusselman ● H	
			Fusselman	Fusselman	Fusselman	
Ordovician	Ordovician	Ordovician	Upper Ord.	Montoya	Montoya ●	
			Middle Ord.	Simpson	Simpson ●	
			Lower Ord.	Ellenburger	Ellenburger ●	

No wells in Howard County have penetrated below the Ellenburger.  
 Symbols:  
 ● Produces in West Texas.  
 H Produces in Howard County. (Strawn, Canyon, and Cisco usually from reefs).

## Desk And Derrick Club Plans Oil Progress Week Program

Big Spring Desk and Derrick Club, an organization whose members are women employed in oil company operations, plans a major role in the observance of National Oil Progress Week.

Elaborate plans for the club's full participation have been made and the group expects to make an important contribution to the general effort of improving public relations between the public and the industry at large.

Desk and Derrick Club has been active since 1954 when the charter from the national was issued. At that time the club had 43 members. They now have 50 members and have made their influence widely felt in the 2 years of their existence in the town.

Oil Progress week plans for the Big Spring D&D will include the distribution of the Oil Bulletin at civic club luncheons and presentation of short talks on the club's activities and history.

A television program will be presented on KBST-TV and the club members will also make a field trip to the Odessa Oil Show on Oct. 20. Next meeting of D&D will be the "Bosses Night" dinner on Nov. 5 R. L. Tollett, president of Cosden, is to be guest speaker.

Nov. 17, the club will visit the helium plant in Amarillo.

Big Spring D&D has representatives in its membership from the following oil companies: Ray Albaugh, Westex, Kountz-Carter Supply, C. D. Turner, Reef Fields Corporation, Duncan Drilling Company, Cecil Guthrie, Kimbell-Guthrie, Ted Groehl, Fred Hyer, Cosden, and French Tool and Supply company.

First Desk and Derrick Club was organized in New Orleans in 1949. Purpose of the Association is stated in the by-laws: "To promote among women employed in the petroleum and allied industries through informative and educational programs, a clearer understanding of the industry which they serve to the end that the enlightenment gained thereby may increase their interest and enlarge their scope of service."

The D&D is made up of women who are actively engaged in the petroleum industry in all of its branches and in companies and organizations which directly supply or serve the oil industry. There are now 112 such clubs with 9,000 women as active members.

It is provided in the national by-laws that 80 per cent of all regularly scheduled programs shall be devoted to the program as outlined in the by-laws. Members of the Big Spring club, as well as those of all of the other 111 clubs in the national organization, bear prominent speakers on topics ranging

from drilling to marketing. They see special movies about the oil industry and its problems and they participate in discussion groups.

Petroleum industry leaders have recognized the value of this educational program to the industry and to their employees. As a result, the industry is highly cooperative in its work with D&D — providing field trips to oil fields, plants and installations and ar-

ranging for leaders to address clubs.

Big Spring Desk and Derrick delegates have been present at all national conventions of the association since the local group was chartered. In 1954, the convention was Banff, Alberta, Canada. In 1955, the delegates met in New York City. This year, the convention was in New Orleans. Next year, the meeting is slated in Chicago.

Our modern standard of living and progress must depend upon the benefits and uses of OIL today . . .



Oil Progress Week—October 14th-20th

**OIL . . .**  
**LIFE'S BLOOD**  
**OF OUR NATION**

Our modern standard of living and progress must depend upon the benefits and uses of OIL today . . .



CONGRATULATIONS to the **TEXAS OIL INDUSTRY** OIL PROGRESS WEEK OCTOBER 14th-20th

**ELECTRICAL CONTRACTORS**

**D & H ELECTRIC COMPANY**

215 Runnels Dial AM 4-8661



Geologist At Work

Chester Barnes, Big Spring's only independent geologist and researcher, is shown with some of the instruments and materials with which he works. Barnes received his degree in geology from Texas University in 1930. He opened his office here in 1937, worked for Cosden Petroleum Corporation from 1942 until 1946, and then became the firm's consultant. Subsequently, he set up shop as independent geologist and researcher at 210 Dixie.

## Deepest Well 4 Miles Down

The deepest oil well in the world was brought in this year when drilling in Plaquemines Parish, Louisiana, produced a flow at 21,433 feet.

The well took more than a year to drill, cost more than two million dollars, and has a total depth of 22,570 feet. That's more than four miles straight down.

In addition to oil, flowing at the rate of 500 barrels daily, the well also produces 500,000 cubic feet of natural gas each day.

## Millions Have Interest In Oil Industry

Who owns the oil industry? Certainly not the more than 40,000 companies which find and produce, transport, and refine, and market the thousands of petroleum products which have brought so much to modern America.

They are only the vehicles of corporate management. The real owners are the millions of persons who own shares of stock in the companies, and voice their approval or disapproval of the management's actions at regular meetings, according to the American Petroleum Institute.

Because many people own shares in different companies, it is difficult, if not impossible, to determine the exact number of stockholders in the U. S. petroleum industry. But at least one indication can be obtained from the fact that a medium-sized company may have from 15,000 to 25,000, while a large, integrated company probably will have in excess of 100,000. These figures are based on annual reports of the companies, the Institute said.

The shareholders are the proverbial butcher, baker, and candlestick maker, and they are truly representative of every phase of American life — school teachers, skilled professionals, and so on, the people who have invested their earnings and savings in the future of America.

## Octane Ratings Show Progress

Octane ratings of premium motor fuels are now within striking distance of 100. Yet these motor fuels can be purchased virtually anywhere in the country, and are specific examples of the effects of competition on the petroleum industry.

A few short years ago, relatively speaking, 100-octane motor fuel was used only for aviation fuel, yet progress and competition have brought it literally to the motorists' doorstep.

**SHIP**

**FERGUSON-STEERE**

**MOTOR CO.**

**THE FAST, SURE WAY**

**Special Equipment For**

- Asphalt
- Casinghead
- Butane
- Fuel Oil
- Sand-Frac Oil
- Crude
- Gasoline



We Salute The Oil Industry During Oil Progress Week Oct. 14-20

**FERGUSON-STEERE**

**MOTOR CO.**

Big Spring

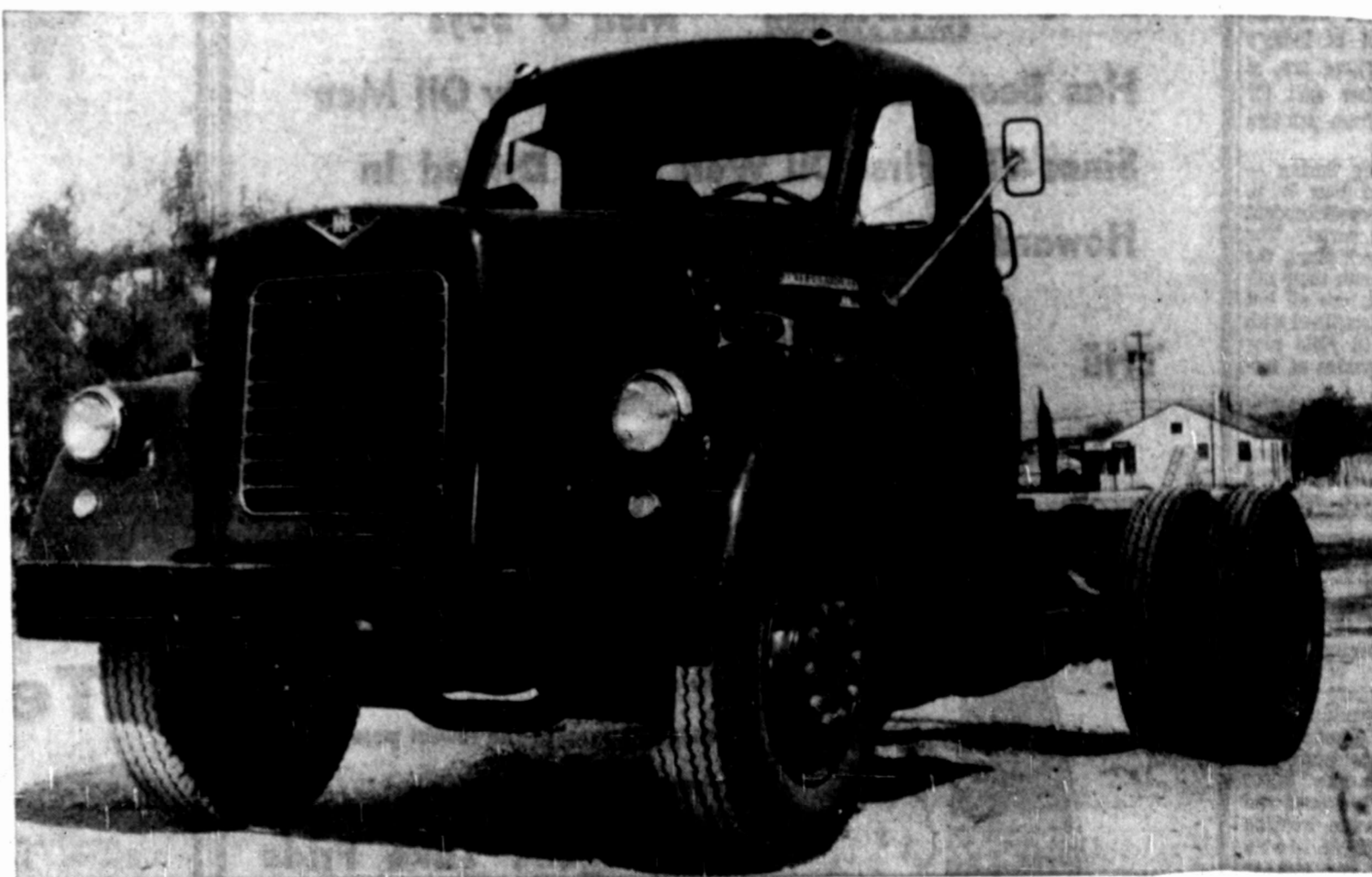
# OIL PROGRESS IN THE PERMIAN BASIN

Has Been Accomplished Through The Efforts Of Many

● Private Investors, Companies, and Oil Industry Employees Have Brought Prosperity To The Great Permian Basin — We Salute You — Oil People — Oil Progress Week Oct. 14-20.



## INTERNATIONAL TRUCKS



**INTERNATIONAL TRUCKS**

Have Kept Pace With The Demands Of The OIL INDUSTRY EVERYWHERE

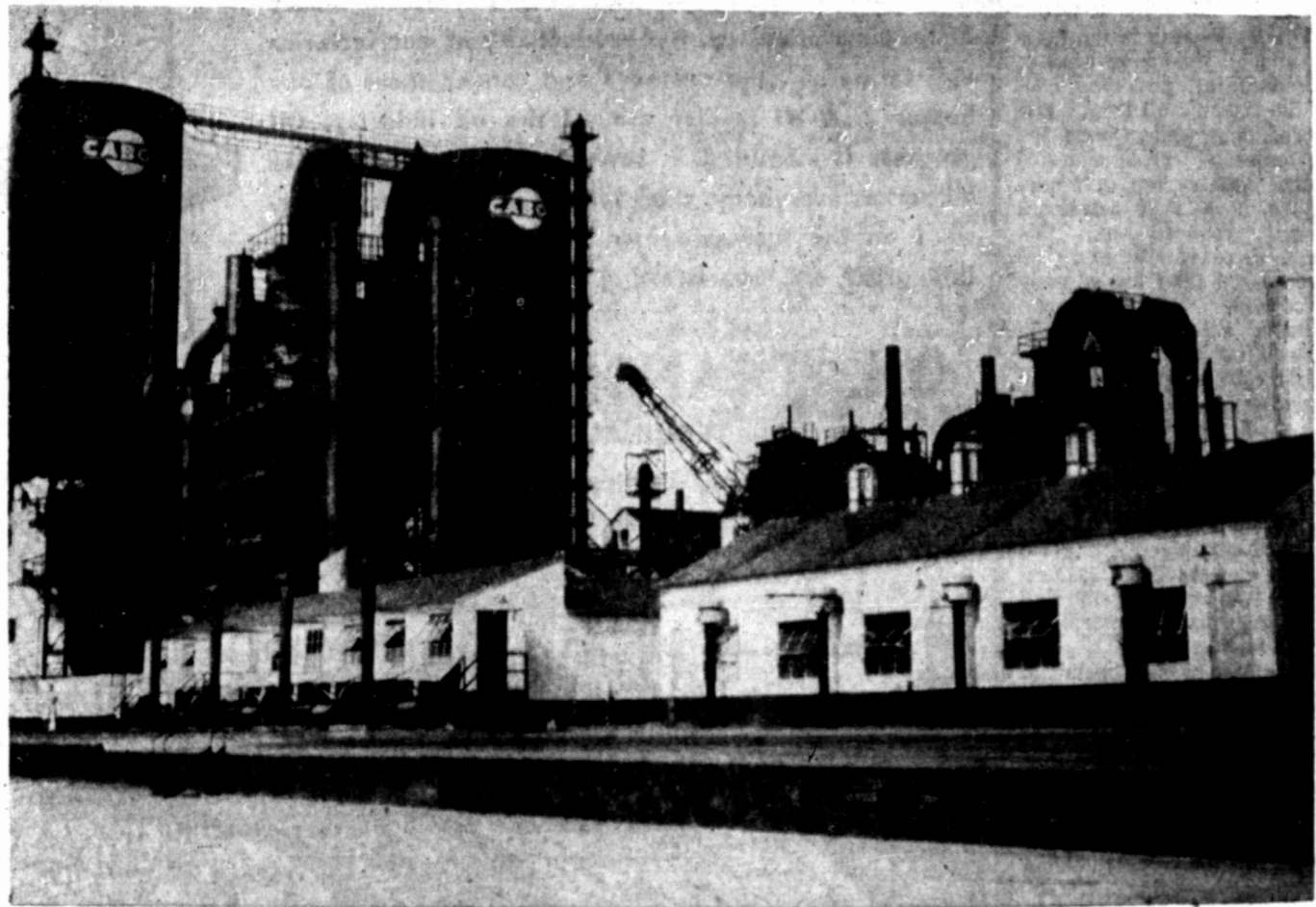
For Dependable Equipment On Wheels . . . Look To

**DRIVER TRUCK & IMPLEMENT CO.**

Lamesa Highway

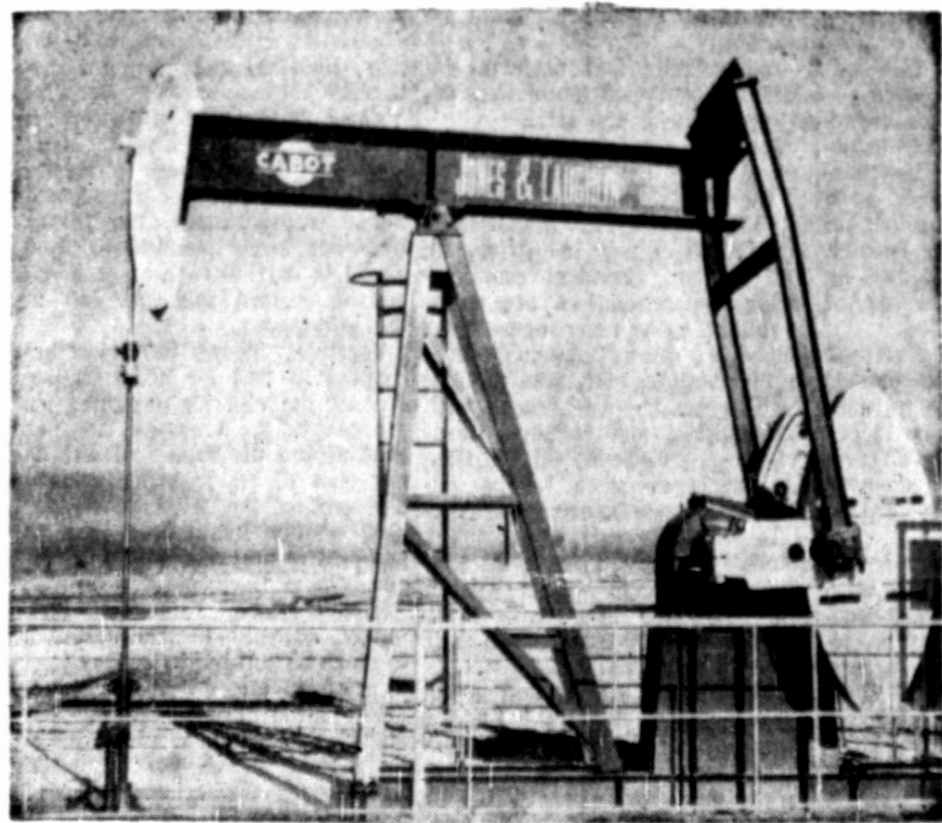
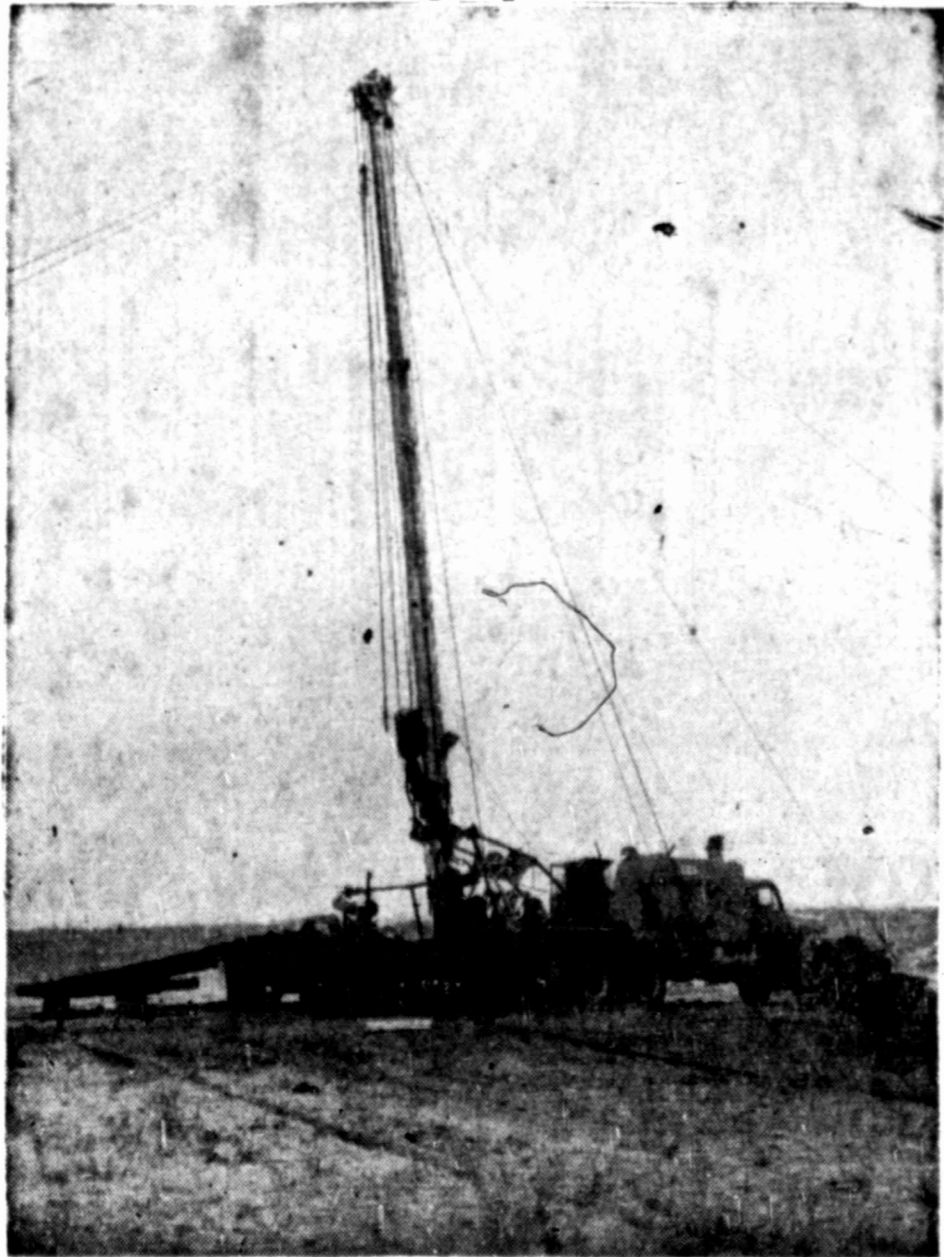






CABOT CARBON COMPANY  
DIXON PLANT—BIG SPRING

OIL PROGRESS  
WEEK OCT. 14-20



# OIL PROGRESS

## ON 3 COUNTS

**We are proud to be a part of the oil industry.**

1 . . . We are proud to be producers of an important by-product of oil and gas — carbon black. Here in Big Spring our people are working around the clock so that you can have more and better tires, steering wheels, television cabinets, garden hose and a thousand other products you need and want.

2 . . . We are proud to be one of the major manufacturers of oil well pumping units. These pumping units are made right here in Texas.

3 . . . We are proud to be the manufacturer of well servicing and drilling units. Franks is credited with putting the oil industry on wheels, and you will find our newly designed line in keeping with this honor.

**CABOT**  
SHOPS INC. PUMPING UNITS — **FRANK'S**

# Big Secondary Recovery Program Equal To Discovery Of Vast Field

By JOE PICKLE  
In West Texas water doesn't make oil, but it does help West Texas make more oil.

Actually, in some sectors such as the reef pools of Scurry County the amount of production is being at least doubled. In terms that most people can understand, that simply means that in the long run Scurry fields will gross nearly \$3 billion dollars more than would have been the case by ordinary production methods.

If the discovery of a series of pools, in proximity to each other and with a recoverable reserve of roughly 1,000,000,000 barrels of oil were to be announced, it would touch off an unprecedented boom.

Yet this is about what has happened in Scurry County without the necessity of drilling more wells. Because it means simply injecting water into and around pay formations, the story has created no great wave of excitement such as would attend a series of discoveries to yield a comparable amount of oil.

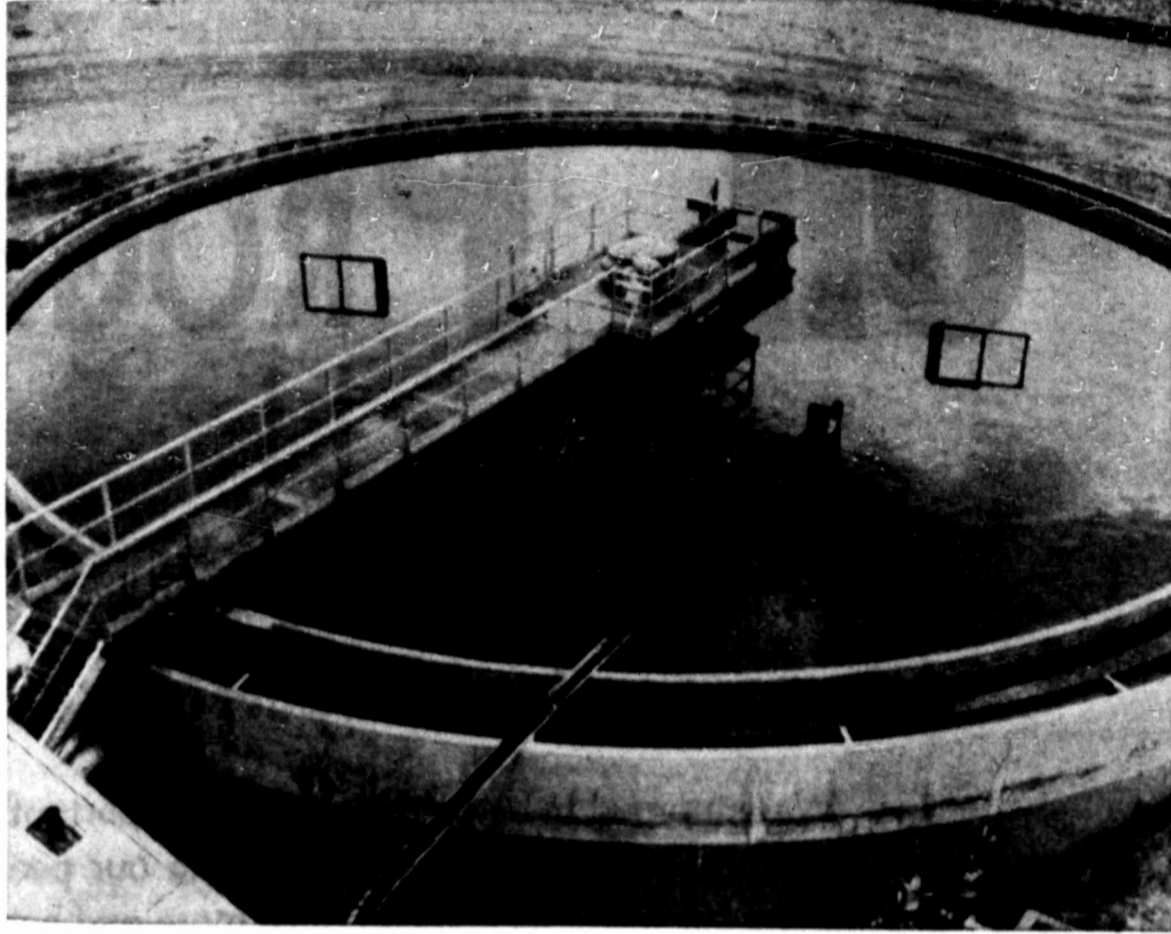
In round figures, under conventional methods of production—using gas drive and pumping—it was estimated that the Cogdell-Canyon Reef, the SACROC, Sharon Ridge and Lion-Diamond M pools would have recovered around 950,000,000 barrels of oil.

Engineers estimate that the overall water injection program for secondary recovery will add another 1,000,000,000 barrels to the total anticipated yield.

Total figures are not available, but something like \$10 million has been invested in facilities for receiving, processing, pumping, distributing, and injecting the water. This is no more than would have been incurred, perhaps, by the drilling and equipping of another 100 oil wells, which wouldn't begin to touch the amount of oil which will be added by secondary recovery methods.

Chief source of water for the projects is the Colorado River Municipal Water District's big reservoir, Lake J. B. Thomas, in southwest Scurry County. During the past 12 months period, ending Aug. 31, 1956, SACROC and Sharon Ridge, the two units drawing directly from the lake, took nearly two and three-fourths billion gallons of water, or 2,710,202,000 to be exact. This figures out to 67,775,000 barrels.

Right now, in most instances, more water is being injected into the pay formations than is the amount of oil withdrawn. This is to take up the slack created before the water injection started and to restore volumetric pressure. Every field study in the area has shown that the pressure curve is climbing steadily. When it reaches the most efficient level for recovery, then in theory only a barrel of water will be injected for every barrel of oil recovered.



Clear, Pure Water—Into Oil

Part of the big treatment plant of the SACROC repressuring unit in Scurry County is this cochrane reactor. Upwards of 200,000 barrels of water per day could be put through it if necessary. Because water must be freed of all organic matter as well as being purified, it is treated with lime and alum, phosphates and chlorine. The specifications actually are more rigid than for municipalities.

SACROC (Scurry Area Canyon Reef Operators Committee) is the biggest unitized repressuring operation. It covers something like 50,000 productive acres, has 1,242 wells, with 62 being used for injection purposes. Prior to the secondary recovery operation recovery was estimated at 688,000,000. Engineers believe an additional 775,000,000 barrels will be recovered as a result. SACROC is geared to put per day to 200,000 barrels of water per day, although actual input is under that. Crestal and center to edge injection is employed. This is the largest repressuring project in the world and last year SACROC took 2,133,707,000 gallons of water from the CRMWD.

Newest of the Scurry groups is Cogdell-Canyon Reef with 14,760 acres, 369 wells and 28 injection wells. To an originally estimated recovery of 135,000,000 will be added another 60,000,000 barrels, according to engineers. This is the only sector where engineers have not figured the water drive would double recovery. Both crestal and peripheral injection are employed.

Another major unit is the Sharon Ridge, which is the largest in the world with peripheral injection—that is injection from the edges to drive the oil gradually to

the center and peak of the field. Here the water is being injected laterally and from below to drive oil in and up. Sharon Ridge has 13,800 productive acres, 343 wells and 31 injection wells. Recovery conventionally was pegged at 95,000,000 barrels but with water injection 109,000,000 barrels will be added. During the past 12 months, Sharon Ridge took 576,495,000 gallons of water from the CRMWD. Smallest of the units is Lion-Diamond M with some 4,500 acres of production. It has around 133 wells with 25 used for injection. Based on other fields, conventional recovery for this area could be pegged around 32,000,000 barrels, while about 34,000,000 more could be added by secondary recovery. This field uses center to edge injection.

Both Sharon Ridge and SACROC have big water treatment plants as well as a network of distribution lines, storage tanks, and battery of pumps. Each financed a supply line or part of a supply line from the CRMWD reservoir in order to obtain water. The raw water is treated to specifications even more rigid than for municipalities, because all organic matter must be removed or left inert in order not to plug the tiny pores in the pay sections.

Lion-Diamond M, which has been

securing its water through SACROC is now planning on drawing its supply direct from the lake. Negotiations are now under way with the CRMWD for construction of a supply line to the project.

In terms of total assets, the petroleum industry is the largest of all manufacturing industries, and is second only to the food and beverage industry in terms of total sales.

## Permian Basin Largest Oil Area In U. S.

To anyone familiar with the petroleum industry, Permian Basin means oil — oil in such great quantities that it is difficult to imagine. The Basin area is the largest gas and oil producing area in the United States, providing one-fifth of the nation's oil from some 50,289 producing wells. Since the first commercial production 35 years ago, nearly five and one-half billion barrels of petroleum have been produced from this area, and there is still more oil to be recovered than has already been produced.

The Basin actually begins in Kansas and extends through portions of six states, but to oil people the area of primary importance is made up of two counties in southeastern New Mexico and 33 counties in western Texas—an area slightly greater than the state of Pennsylvania. Roughly, the Basin extends from Sweetwater, Texas, on the east to Artesia, New Mexico, on the west; from Hall County on the north to central Pecos County on the south.

The use of the word "basin" in referring to the area might lead one to believe that the Permian Basin is a depression in the surface of the land. That is not true. The term refers to the structure of the underlying rocks in the area, not to the surface. The "Stake Plains" of the Panhandle, the highest continuous area in the state, are a part of the basin, as are the level prairies, the sand dune areas, and the mountains and hills of other sectors.

## BETTER PRODUCTS

### Texas Refiners Up Capacity By 60 Per Cent In 10 Years

Modernization, increased capacity, a hike in the amount of Texas crude oil processed, and high-level employment — all are part of the Texas refining industry's progress in the postwar decade, according to the Texas Mid-Continent Oil & Gas Association.

From 1946 to 1956, plant capacity of the Texas refining industry jumped from 1.5 million barrels a day to 2.4 million, a 60 per cent increase, according to the new edition of the booklet, Texas Oil and Gas, published by the association, in a review of the past decade.

Amount of crude oil processed in 1946 was 503 million barrels and jumped to 764 million 10 years later. Texas now processes 72 per cent of the state's crude oil production and accounts for about 28 per cent of the oil processed in the U. S.

Refinery modernization, brought on by public demand for higher octanes and better oil products, has taken its toll of uneconomic refinery operations in Texas. In the 10-year period since World War II, the number of plants dropped from 77 to 61.

An estimated \$2 billion-plus have been invested in Texas refineries. According to a Department of Commerce survey, about \$160 million, or 37 per cent, of the total new capital expenditures made in Texas manufacturing in 1954 was for refinery improvement and expansion.

The refining and chemical industries combined accounted for 67 per cent of the total. For the same year, the census revealed that refining accounted for about 14 per cent of the total value added by manufacturing in all Texas industries, or \$475 million. Chemical manufacturing (petrochemicals are closely allied to refining operations) topped all other Texas industries in this respect with \$725 million. Food processing was second with \$534 million, and refining, third.

According to Texas Oil and Gas, one out of every 10 Texans employed in manufacturing works in a Texas oil refinery. These 45,000 refinery workers draw about \$250 million a year in wages. With a mid-1956 hourly average of \$2.68, refinery workers have the highest wage scale in the state.

The effect of the refining industry on Texas' economic activity reaches far beyond the plant, the association said. It has been estimated that for every 100 jobs created in a refinery, 74 new jobs

spring up elsewhere.

These related industries, such as steel fabrication plants, together with refinery employes, make up the bulk of industry of such cities as Beaumont, Port Arthur, Houston, and Corpus Christi.

About 88 per cent of Texas' refining capacity is located along the Gulf Coast. These refineries are close to cheaper ocean and barge transportation, the means by which large quantities of Texas oil is carried to market areas on the eastern seaboard and in the mid-west.

Together, Texas refineries accounted in 1955 for about 29 per cent of the nation's gasoline; 38 per cent of the kerosene; 30 per cent of the distillate fuel oil; 23 per cent of residual fuel oil; 30 per cent of the jet fuel; 38 per cent of the lubricating oils; 23 per cent of the wax; and about 12 per cent of the asphalt.

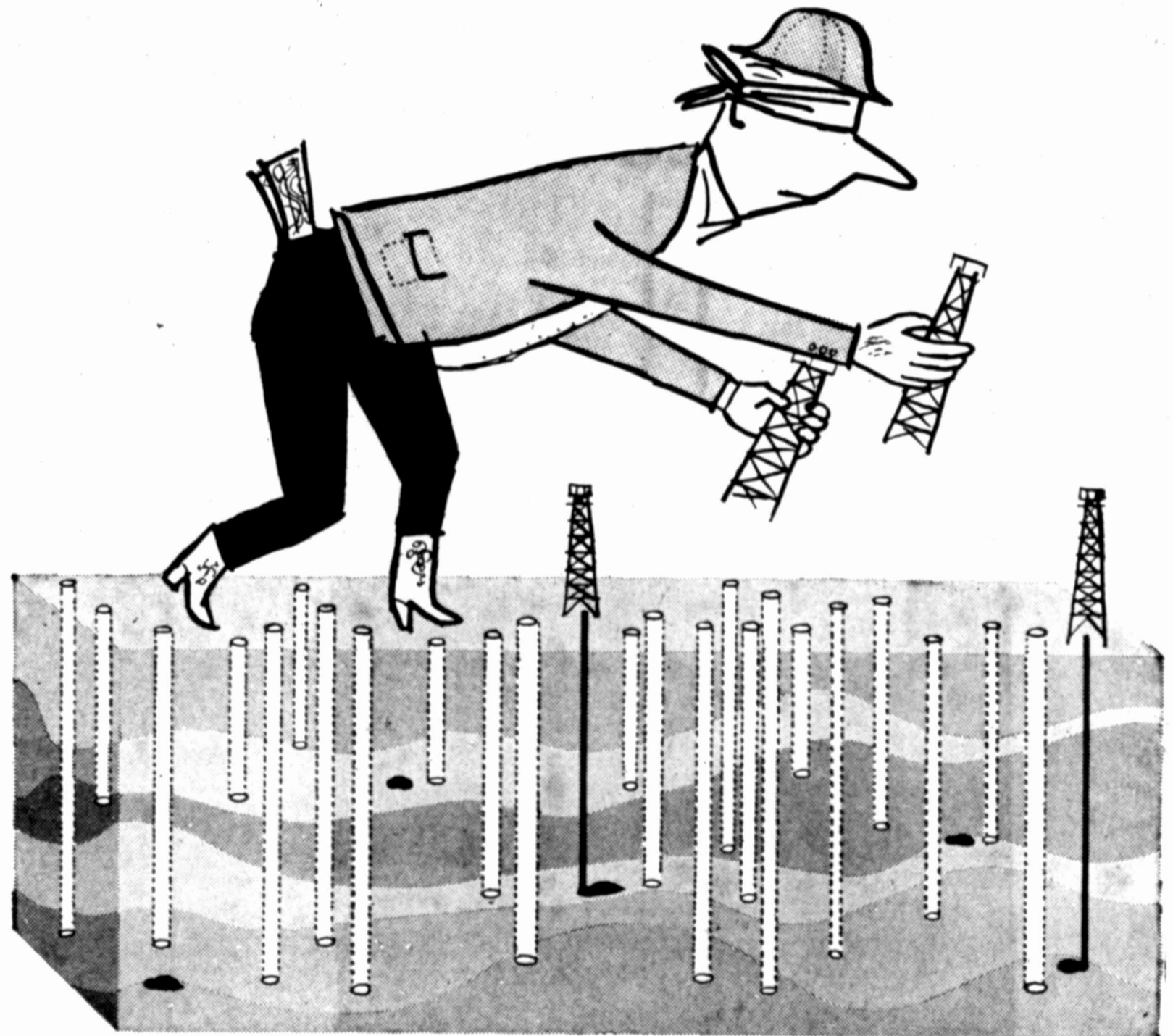
Since inland refineries lack handy economical transportation to reach distant markets, they tend to concentrate on their immediate trade area, turning out higher percentages of gasoline than coast plants, which market more heavy oils for northern and eastern markets.

Inland refineries get an average of 47 per cent gasoline from a barrel of crude oil, compared with 42 per cent for coast refineries.

Although oil is a major item of commerce between Texas and other states, it also provides a large share of the market in the Southwest. Texas itself uses about 4.4 billion gallons of gasoline a year, making it the nation's second largest gasoline-consuming state.

Economics of refinery operations revolve around fractions of a cent. Refinery prices are much slimmer than the amount seen on the gasoline pump where distribution costs and taxes have been added. At mid-year, tanker loads of regular gasoline were selling for 10 to 12 cents a gallon.

Texas refineries face stiff competition from other refining areas. For instance, East Coast refineries (14 per cent of the nation's capacity) look to cheaper, foreign crude oil for 60 per cent of their throughput, according to Texas Oil and Gas.



## Don't Follow The Oil Play Blind— Every Day, Complete Oil Coverage In The Herald

You keep your eyes on many fronts at the same time when you follow oil developments of the area in The Herald.

Realizing that the oil industry is vital to the progress of our region, The Herald goes to considerable expense — gladly — to keep you in daily contact with oilmen, division offices of oil companies, scouts, the railroad commission and others.

All of this is designed to bring you the first accurate and complete information possible on oil play in Howard and contiguous counties.

Every Sunday you'll find an oil page not only with this information — but with stories about the industry in general; stories about local oil drilling and industry developments; stories about the men behind the oil news.

Keep Up With The Complete Oil News Every Day In Big Spring Daily Herald

## 50 Firms Drilling In Howard County

Over 50 firms are actively taking part in drilling work in Howard County.

According to latest reports, at least 50 firms were listed as in the process of drilling wells in the county. Although many are being drilled by major oil companies, most are projects under direction of drilling contractors or smaller oil operators.

Although the list may not be complete the listing of firms are Alvord Drilling, Amerada Petroleum and Rycade Oil, Anderson Oil, Ashmun - Hilliard - U.S. Smelting, Basin Oil, Blanco Oil and Newman Brothers, Brown and Scarber Drilling, and Callihan Rotary.

Also Charles Conrad, Continental Oil, Cornell Oil, Cosden Petroleum, Cotel Corporation, Duncan Drill-

ing, Eastland - Ambassador-White, Felmont Oil, Fleming-Fleming-Kimbell, Jay Floyd, Goldston Oil, Grubbs Oil, Greer, and C. W. Guthrie, Harding Brothers, Hill and Meeker, W. W. Holmes, Humble Oil, Fred Hyer, Ibe and Daniel, Indian Royalty, Janss Oil, Lipkin & Devine, Lone Star Producing, Magnolia Petroleum, Mesa Petroleum, Mid-Continent, John Moore, Morris Drilling, and Newsum Brothers. Petrol Corporation, Phillips, N. P. Powell, Renwar Oil, Roark-Hooker-Hill, Sawnie Robertson, R. W. D. Production, Shell Oil, Edwin Snyder, Standard Oil of Texas, Sunray, Theiss Drilling, Tidewater Associated, A. K. Turner, C. D. Turner, D. W. Varel, R. W. Waits, E. L. Watson, White Eagle Oil, E. L. Wilson, and C. C. Winn.

# OIL

Keeps the Wheels  
of Progress Turning



**A**merica moves forward on OIL. In the factory, it lubricates every wheel that turns, provides power supplies essential materials for a thousand-and-one useful products. On the farm, it makes it possible to produce more with less labor. In the home, it provides clean, automatic, economical heat. On the highways and skyways . . . on the railways and sea-lanes . . . it powers the motors that dwindle distance. Everywhere you go, in everything you do, every minute, day and night . . .  
**OIL SERVES YOU!**

Oil Progress Week, Oct. 14-20, marks another year of constructive, competitive effort to produce more and better petroleum products for more Americans.



Every Day in Every Way, the Oil Industry Strives to Serve You Better and Better

We Are Proud Of Our Record Of Cooperation With The Oil  
Industry Dating Back To The Discovery Of Oil In Our County.

## FIRST NATIONAL BANK

IN BIG SPRING

BUZ SAWYER



DIXIE DUGAN



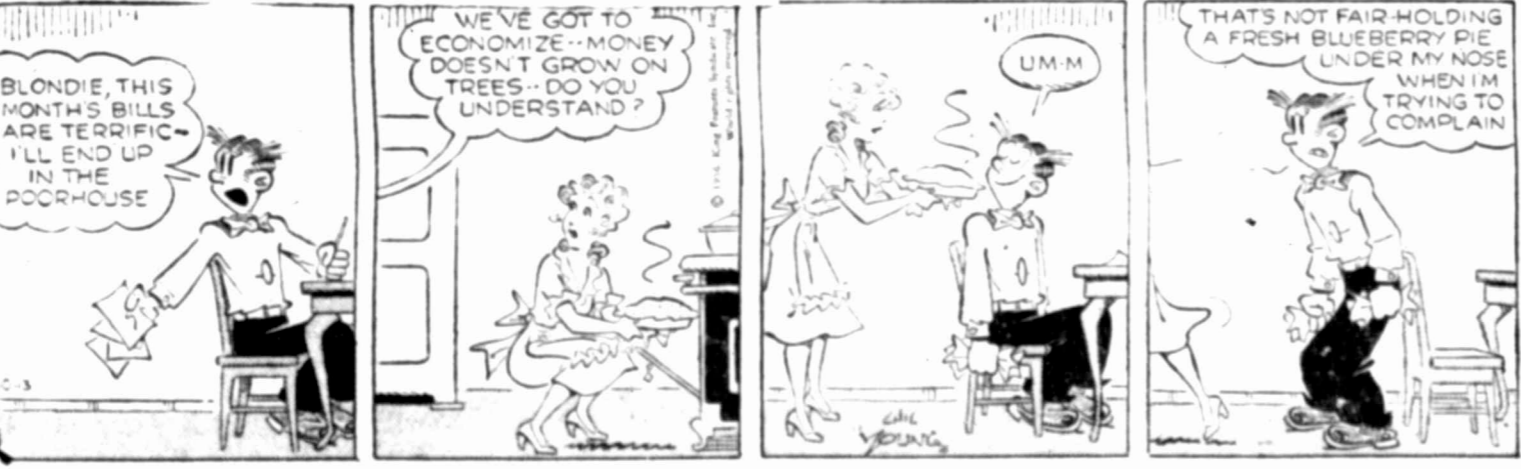
NANCY



LIL' ABNER



BLONDIE



ANNIE ROONEY



SNUFFY SMITH



GRANDMA



DONALD DUCK



JOE PALOOKA



SCORCHY SMITH



OAKY DOAKS



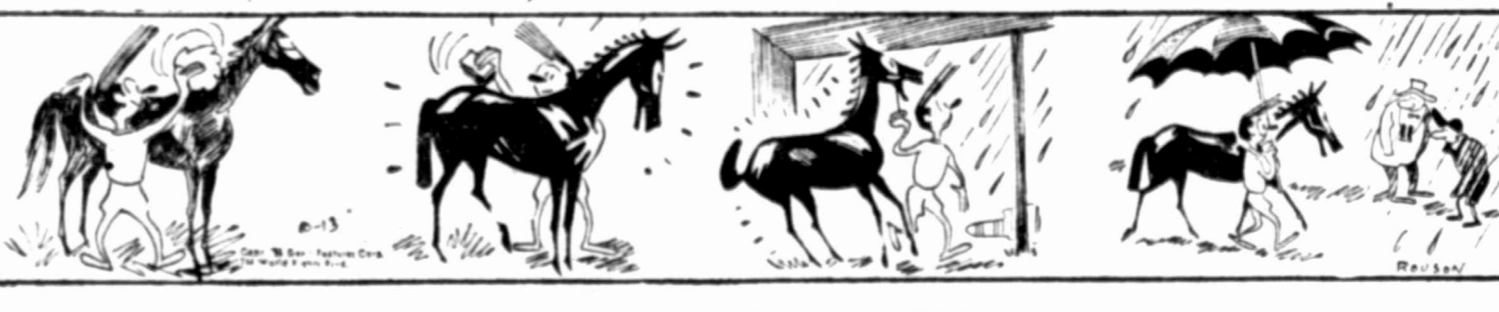
POGO



DICKIE DARE



LITTLE SPORT



Bridge



Grossword Puzzle

- ACROSS 1. Shake with cold 7. Asterisk 11. Procession 12. Tapering 14. Humiliated 15. Source 17. Ceremony 18. Scarce 21. Summer (Fr.) 22. Sea bird 23. Run away 24. Abstain from food 25. Snuave 26. Pilots 29. Hale 30. of Troy 31. Tailless cat 32. Responsibility 33. Nobleman 34. Rug 37. Country of Soviets; abbr. 38. Grassy plot 39. Tender 40. Camera support 42. Bis 43. Shirk 45. Tide 46. Paradise 47. Scatters 48. Camera support 49. Extra part 50. Custom 51. Angry 52. Flower container 53. Netherlands commune 54. Disrepair 55. Pulled apart 56. Black cuckoo 57. Symmetrical 58. Still 59. Poor 60. Wile 61. Mountain lake 62. Source of linen 63. Charges 64. Curve 65. Brief 66. Act of holding 67. Evasive 68. Horse's working gear 69. Cut 70. Loaded animal 71. Antlered animal 72. Completion of a bow 73. Youthful years 74. Ore deposit 75. Mark of an injury 76. Tablet 77. Clear gain

Grid for the crossword puzzle with numbers 1-77.

The Herald's Entertainment Page Of Top Comics

Big Spring (Texas) Herald, Sunday, October 14, 1956

Oil Big

Big oil trading large on the out of Big Sp... stream every hauling precl... acts all over th... Transporting is big business... contributory fe... dustry in this... ranks as a maj... vides employm... men and wom... for the agenc... activity are e... to the commu... Most of the t... have found 195... has been a lull... the past sever... they believe... look forward t... tions in the r... Several hav... trucks to their... this has meant... additional wor... the employes o... close to a mill... year. In additi... handed out to... the companie... tional \$200,000... tires, parts, e... er essential ac... their operation... They maintai... their fleets of t...

27 Hav

Howard Cou... fields made up... wells with dai... ing 77,566 barr... That's accord... 1956, proration... as Railroad C... the figures for... 376 in the num... county, and a... rels in the da... this time last... Most notabl... county's produ... years was, of... Spring Fussels... in central Hou...

Cosco Line

Gathering an... bringing crude... refinery reach... Glasscock a n... like roots from... And like tree... system grows... each year. Al... now in use... During the... added about 13... for bringing c... refinery. These l... do with the... lines carrying... to other citie... Majority of th... the Howard-Gl... east of Big Sp... the system hu... most 30 years... FIRST... The first se... went into the... line stretching... station to the... bet's 12 miles... line. Service... shown from th... miles, a leak l... ed in 10 mile... ed in 1928... This eight-in... 24,000 barrels... a maximum. C... ever about 18... is shoveld thro... this crude is... in the Howard... An addition... high-gravity o... lines to Cosde... is tapped off t... Forsan. Anoth... day is taken i... a Gulf pipelin... Howard-Glassc... Cosden main... at the Forsan... operations the... Heading the c... About half of... live at Forsan... reside in Big... Cosden has... at the pump s... his employes... HORSE... Nine of the... ers, and an e... tence and c... carried. An e... employe, and... crew... Horseback... pipelines from... Spring for lea... keep a check... discharging m... ment... To hold an... and 10,000-bar...

Hunger!

ARDMORE... McGehee... says he's qui... nie, a six-year... nie got hung... to eat him... There is n... every 322 an... busses in this...

# Oil Transport Is Big Business Here

Big oil transport trucks, looming large on the highways, rumble out of Big Spring in a constant stream every day in each year—hauling precious petroleum products all over the country.

Transporting oil and oil products is big business in Big Spring. As a contributory feature of the oil industry in this county and area it ranks as a major operation. It provides employment for an army of men and women and the payroll for the agencies which pursue this activity are extremely important to the community economy.

Most of the transport companies have found 1956 a good year. There has been a lull, several reports, for the past several months but this, they believe, is lifting and they look forward to stepped up operations in the relatively near future.

Several have added additional trucks to their rolling stock and this has meant the employment of additional workers. The payroll for the employees of the 11 operators in this county will probably run close to a million and a half each year. In addition to the paychecks handed out to workers and drivers, the companies spend an additional \$200,000 each 12 months for tires, parts, equipment and other essential accessories required in their operations.

They maintain huge yards where their fleets of trucks are headquartered and where the business and record keeping are carried on.

It is estimated that big giants of the road, operating out of the 11 Big Spring establishments, roll more than 13,000,000 miles each year. They go all over the country and they are regularly seen in every part of the West and Southwest. The company names on their tank sides and the address carries publicity for Big Spring to all parts of the country.

It is estimated that to fill all of the fleets of transport trucks operating out of this city with petroleum products would require perhaps as much as a million and a half gallons. As a rule, these trucks are on the road — all of them — for an average of 200 days out of each year. So it can be said that two hundred times each 365 days, a million and a half gallons of petroleum products — generally produced and processed in the Big Spring area — are sent on their journeys across the country on board these big trucks.

To keep the big transports rolling, more than 2,500,000 gallons of fuel have to be consumed each 12 months. In this one phase of their operations, the transport business in Big Spring is a major contributor to economy.

Bulk of the oil transport operations out of Big Spring is handled by six or perhaps seven of the

# Plastic Poles Give Bad Time To Woodpecker

See any flat-beaked woodpeckers lately? They're from out Michigan way. Our flat-beaked friends are not a new type of bird, their beaks have been bent from pecking on the new telephone poles being test run in the area. These poles, made of glass fiber reinforced with an oil-derived plastic resin, are built to withstand the onslaughts of weather, fire, ter-

mites, and poking woodpeckers. Because the poles are exceptionally light-weight — a 35-foot pole weighs only 200 pounds — two men can lug them into remote mountain regions without the help of cranes or special loading equipment. Tests show that the poles are also lightning proof and can take heavy bumps from cars and trucks without splitting. Products of oil literally bring the world into your living room by helping to solve problems like this one for the communications industry.

Three hundred gallons of jet fuel are required to taxi a current jet bomber from the warmup ramp to the end of a runway for take-off, usually a distance of about one and one-half miles.

# Lucky Folder Contest Being Staged By Service Stations

Service stations in the Big Spring area again are staging their Lucky Folder contest as part of Oil Progress Week, Oct. 14-20. Distribution of thousands of the folders was accomplished during the past week so that every visitor at a station, starting last midnight, could receive one.

All during the week, when you visit your station, you will be eligible to receive one of the numbered folders. Recipients are asked to fill out a coupon and return the folder part for a record.

After Oil Progress week, all the coupons will be picked up and assembled. From these, on Oct. 23 someone will be designated as the winner of an all-expense paid trip to the famous Western Hills Hotel in Fort Worth.

The trip covers the expenses of a man and his wife and provides some incidentals such as a football game then playing in that vicinity.

There is nothing to write, nothing to buy; all one has to do is visit his station and fill out the coupon.

The dealer at whose station the folder was secured also will be given a handsome prize.

# Steel Plane Seen

NEW YORK (AP) — Tooling engineers in the aircraft industry are dreaming up new ways to shape and fabricate steel to build an all steel plane capable of breaking the thermal barrier where aircraft must encounter extremely high temperatures.

"Steelways," official publication of the American Iron and Steel Institute, said that at speeds of 2,000 miles per hour, many designers are convinced that steel is the only material known that can withstand the scorching 600 degrees that weakens the structural parts holding the wings stiff and the fuselage together.

The magazine said that it is almost a certainty that future commercial airliners, capable of flying from New York to Los Angeles in 90 minutes, will be all steel.

# 27 Fields In County Now Have 2,682 Producers

Howard County now has 27 oil fields made up of 2,682 producing wells with daily allowables totaling 77,566 barrels of oil.

That's according to the Aug. 1, 1956, proration chart of the Texas Railroad Commission.

The figures show an increase of 376 in the number of wells in the county, and a gain of 11,255 barrels in the daily allowable since this time last year.

Most notable addition to the county's production map in the past year was, of course, the Big Spring Fossilman field. The field in central Howard County, about

five miles northeast of Big Spring, now has five wells with a daily allowable of 551 barrels of oil.

Most productive of the fields is an old timer, the Howard-Glasscock, with an allowable amounting to nearly one-third of the county's total. It has 1,244 wells and a daily allowable of 24,922 barrels.

Ranking second is the East Vealmoor Field with 86 wells and an allowable of 9,095 barrels per day. Third is the Vealmoor Field with 79 wells and a 7,996-barrel daily allowable.

Fourth largest field in the county is the Moore, which has grown

like a mushroom in the last two or three years. It now has 198 wells and an allowable of 6,966 barrels per day.

Standing just behind these are the Luther, Southeast, 24 wells with 6,490-barrel allowable; Varel, 79 wells and 6,210 barrels; Oceanic, 47 wells and 5,876 barrels; and Iatan-East Howard, 531 wells with daily allowable of 3,978 barrels.

None of the other fields has a daily allowable of as much as 1,000 barrels. Smallest producer is the Sara-Mag Palo Pinto where two wells are allowed only seven barrels per day. Another mile is the Hutto field, which has one well and an allowable of 12 barrels daily.

There are 12 one-well fields in the county and the best of these is the Bond Spraberry with a daily allowable of 140 barrels of oil.

Production is found in just about every section of the county except the extreme northwest. In the south is the Howard-Glasscock field, as well as the Moore field which extends into the southwest.

Along the east side of the county are the Iatan-East Howard, Snyder, Hutto and North Iatan fields. Northwest of Big Spring lies the Varel field and the Bond Canyon. In the central part is the Big Spring Fossilman. In north central are the Luther fields and along the northern part of the county are the Vealmoor, Oceanic, and Modesta fields. In the extreme northeast are the Vincent fields and the Coronet 2900. Also in that direction are the Sara-Mag and O'Daniel pools.

The county's oil fields, number of wells and daily allowable for each:

Big Spring Fossilman, five-551; Bond Canyon, one-35; Bond Spraberry, one-140; Coronet 2900, 19-225; Howard-Glasscock, 1,244-24,922; Hutto, one-12; Iatan North, 29-262; Iatan-East Howard, 531-3,978; Modesta Canyon Reef, one-55; Moore, 198-6,966; O'Daniel Canyon, one-17; Sara-Mag Canyon Reef, five-331; Snyder, 305-3,364; Van-Grif Wolfcamp, one-91; Varel San Andres, 79-6,210.

Also, Luther North Canyon Reef, seven-704; Oceanic Pennsylvania, 47-5,876; Sara-Mag Palo Pinto, 2-7; Vealmoor Cisco, one-30; Luther Southeast, Siluro, Devonian, 34-6,490; East Vealmoor, 86-9,095; Vincent Upper Canyon, one-35; Vincent Lower Canyon, one-24; East Luther Canyon Reef, one-124; Vealmoor, 79-7,996; and Vealmoor-Read Canyon, one-20.

# Cosden's Gathering Lines Blanket Area

Gathering and main pipe lines bringing crude oil to Cosden's refinery reach out over Howard, Glasscock and Mitchell counties like roots from a tree.

And like tree roots, the pipeline system grows bigger and bigger each year. About 130 miles are now in use.

During the past year, Cosden added about 15 miles of pipe lines for bringing crude oil to its refinery. These lines have nothing to do with the corporation's pipelines carrying petroleum products to other cities.

Majority of the lines spread over the Howard-Glasscock field southeast of Big Spring, and some of the system has been in use almost 30 years.

at the Forsan station. In addition, Cosden has an 80,000-barrel tank at the Shell pipeline cutoff.

Cosden receives about 45,000 barrels per month from oil fields in the Sterling and Water Valley areas. This is brought to the Forsan station in trucks and there added to the pipeline. When the lines are operating at capacity, however, this needs to be stored and it placed in the tanks.

Cosden uses four-inch lines as gathering and discharge segments. The firm has other lines besides the ones coming together at Forsan. Cosden has two lines between the refinery and Coahoma, and a line from the newly opened Big Spring field.

# Salt Domes Are Good Reservoirs

Underground storage is proving to be a practical and economical means of smoothing out and spread between production and demand for liquefied petroleum gases.

Instead of requiring huge overhead steel structures, as much as 13 million gallons of these products may be held in reserve right beneath two plants east of here.

Reef Fields Natural Gasoline Corporation, which pioneered the underground storage, has a capacity of 11,000,000 gallons in six wells. Cosden has a capacity of more than 2,000,000 gallons in its one salt cavity.

These subterranean containers are created out of salt domes. A well is drilled into the salt structure and fresh water circulated until the desired amount of the salt structure has been washed out. Then a saturated solution of brine is held in reserve in an earthen tank. As products are piped to

storage, pumps withdraw brine from the cavity to make room for the products. As products are withdrawn from storage, brine is pumped into the cavity to displace the products and force them to the top.

Brine is used because, already being saturated, it will not absorb additional salt and thus will not enlarge the capacity of the cavity. If fresh water were used, it would cause the cavity to grow constantly larger.

Reef Fields, which has kept a close check on the infusion and withdrawals has established a loss rate of no more than 2.55 per cent on products put to underground storage. Considering the comparative costs between drilling a well and flushing out a hole in a salt dome as against steel storage, the small loss factor is made all the more insignificant. Besides, underground storage is not subject to the many natural hazards of above ground storage.

# Hunger Strike

ARDMORE, Okla. (AP) — C. C. McGee, Ardmore zookeeper, says he's quit wrestling with Benjie, a six-year-old black bear. Benjie got hungry one day and tried to eat him.

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Khaki color. Perfect fitting 3 piece top with 4 eyelet ventilation openings. Flexible bill. An all around cap for all around wear. Completely washable. All sizes.

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# Men's and Boys' Heavy 11 Ounce

## BUCKHIDE BLUE JEANS

COMPARE ALL THESE FEATURES... Western styled, bar tacked and riveted at all strain points. Double sewn with orange thread. Coarse weave 11 ounce white back denim. Zipper fly, Sanforized Shrunken. Wide belt loops. Taps in quality, workmanship and wear. Sizes 28 to 42.

Boys 6 to 18 — \$2.39

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# Men's 9 Ounce FULL CUT JEANS

Well built for working comfort. Sanforized 8 ounce denim. Reinforced at strain points, bar tacked and riveted. Double stitched. Famous Buckhide quality. Sizes 28 to 44.

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Lot 501

# BUCKHIDE Nylon Reinforced

## WORK SOCKS

Choose from white or random color in long or ankle length. Extra well made for comfort and long wear. Toe and heel reinforced with nylon. Sizes 10 to 12.

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# Men's 9 Ounce FULL CUT JEANS

Well built for working comfort. Sanforized 8 ounce denim. Reinforced at strain points, bar tacked and riveted. Double stitched. Famous Buckhide quality. Sizes 28 to 44.

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Howard County now has 27 oil fields made up of 2,682 producing wells with daily allowables totaling 77,566 barrels of oil.

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**Anthony's**  
C. R. ANTHONY CO.

# Oil Well Completions Up 33 Pct. Over Last Year

By DON HENRY

Although dropping slightly during the past quarter, new wells completed in the area stood a third higher than the same period of last year.

Potential from these wells also showed an increase, but not quite as much percentage-wise as did the completions.

A survey showed that 561 new wells have been opened since Jan. 1 of this year — through Sept. 30. In the same period of 1955, the total was 419 new wells.

The 461 operators potentialized 65,990.21 barrels of oil, while potential from new wells in 1955 amounted to 51,860.21 barrels.

In addition to being up in number of new wells and barrels of oil produced, the number of projects abandoned dropped. At the three-quarter mark this year, 84 had been plugged, and during the same time of 1955, the total was 90.

Howard, Mitchell, and Sterling counties showed a drop in oil on potential from 1955. Howard and Mitchell actually completed more wells this year however.

Borden showed the biggest increase in oil produced on new wells. In Borden, the number of completions jumped from 40 to 84,

Counties

Borden  
Dawson  
Glasscock  
Howard  
Martin  
Mitchell  
Sterling  
Totals

New Wells	1955		1956		Abandonments
	1955	1956	1955	1956	
84	40	22,984.54	8,439.18	17	15
52	29	7,990.83	2,337.59	15	15
73	38	15,242.12	6,281.07	6	6
214	167	18,524.46	19,341.84	12	26
3	—	791.00	—	7	3
128	120	9,208.58	12,011.31	16	10
7	25	327.26	2,530.43	11	14
561	410	65,860.21	51,523.42	84	90

and the barrel total on potential reached 22,984.54 as against 8,439.18 during the past year. The number of plugged wells also dropped one, from 18 to 17.

Average per well of the 561 wells completed this year showed 117.77 barrels, while the average on 419 wells finished during the same nine months of '55 was 122.96 barrels, a drop of some five barrels per well on an average.

Glasscock County had the most productive field of the area, the Spraberry Trend Area. Most of the wells were completions in the Clear Fork after plugging back. Production from the field amounted to 14,729.21 barrels and came from 70 wells. This was an average of over 210 barrels per well.

Next in volume of barrels was the Jo-Mill. This Borden County pool finished 13,746.95 barrels from 49 wells. The average here was

above the Spraberry Trend however, with a 280-barrel mean.

A county-by-county summary includes:

**BORDEN:** The number of wells opened during the first nine months of this year more than doubled the total for the same period of last year. Meanwhile the oil produced on potential tests was about two and a half times the amount of 1955. While 8,439.18 barrels came last year, 22,984.54 was produced during the first nine months of 1956. The big increase came in the third quarter. Forty four new wells were completed during the past three months.

New discoveries this year came in the Pennsylvanian, Fusselman, and Spraberry levels.

The Midwest No. 1 Scott brought 237.24 barrels on a final test from the Pennsylvanian (Strawn) early in the year. During the past quarter Anderson-Prichard found Spraberry pay to the tune of 135.18 barrels in an undeveloped area. Wraher-Republic No. 2-16 Good finished for 205 barrels from the Fusselman, and recently, Brennan No. 1 Roper opened another Spraberry area, bringing 149 barrels on potential.

In addition to the 13,746.95 barrels produced in the Jo-Mill field, 6,245.51 came from Arthur field potentials. This year, wells have been completed in the Myrtle West, Fluvanna, Ackerly Southeast, Reinecke, and Aplark fields. The last was opened this year.

**DAWSON:** A jump from 2,900 barrels to 7,990 barrels showed in comparing the first nine months of this year and last. The total of new wells also increased, from 29 to 52. The same number, 15, of abandonments were reported for both periods.

Spraberry and Canyon discoveries dotted the past period's reports. The Felmont No. 1-A Kendrick potentialized 308.10 barrels in the Spraberry early in the year. An Upper Spraberry discovery was Blanco No. 1-A Wright. Just before the close of the past quarter, Camp Oil Company brought in the No. 1 Blue for 227 barrels from the Canyon. Eleven wells completed in the Spraberry, West Deep, pool and brought 3,778.59 barrels on potential. This figure included two dual-completers — from the Upper and Lower Spraberry.

**BUSIEST FIELD:** in the county from the number of completions was the Welch field where 29 wells were completed. Their potential output was 2,089 barrels. Other fields reporting new wells this year are the Spraberry, Ackerly, East Lamesa, Felken, Wells, and Snowden.

**GLASSCOCK:** The entire county report would almost coincide with Spraberry Trend totals. Outside of this field, only three other wells were completed. One finished in the Howard-Glasscock field, one in the Rosemary, and the other was a Lower Spraberry discovery.

The discovery was the Advance No. 1 Howard, which brought 435.5 barrels on a final test. The Howard-Glasscock find brought 70.41,

and the Rosemary field well produced only seven barrels. The number of ventures abandoned in the county was the same during both nine-month periods, six.

**BIGGEST SINGLE PRODUCER:** in the Spraberry Trend was the SoHo No. 2-B Bryans which brought 585 barrels on a final check.

**HOWARD:** The county is one of three in the area showing a drop in potential output measured against the same period of 1955. The drop was 813.38 barrels. This drop appears small until checking the new well total. Howard finished more this year, 214, than the last, 167.

The Howard-Glasscock provided the most oil on potentials, aggregating 5,504.04 barrels. This came from 59 wells. New wells in the Moore field brought 3,786.03 barrels on potential, and in the Varel field, output was 3,133.17 barrels. In the Snyder pool, the figure was 2,819.94 barrels of oil. Forty nine projects completed in the Moore, 39 in the Varel, and 36 in the Snyder.

Other fields reporting a new wells during the nine months of this year are the Iatan, Luther, Big Spring, and Bond Canyon. The Williamson-Altrin No. 1 Buchanan, recorded originally as a wildcat, finished and was added to the Big Spring field as a southeast extension.

Abandonments in the county dropped sharply this year. The total 'plugs' in 1955 was 26 and this year the total was 12.

**MARTIN:** Any oil at all during the first nine months of this year would be an increase over the same period of 1955 since none were completed January-October, 1955. Three finished during the nine months of this year, one each in three fields. The Pan American No. Turnbow in the North Breedlove field brought 602 barrels, the Gulf No. 1 Glass brought 68 in the Glass pool, and Texas No. 1-3-NCT-1-A Mabee finished 121 barrels. It is in the Mabee field.

The number of abandoned holes jumped from three in 1955 to seven this year.

**MITCHELL:** Practically all the oil produced in the county falls in either the Westbrook or Sharon Ridge fields. The Sharon Ridge reported the past nine months out-distanced the Westbrook in both volume on potentials and also number of completions. Seventy-two new wells in the Sharon Ridge brought 4,649.56 barrels on potential tests, and 42 in the Westbrook brought 3,552.37 barrels.

The drop in the county on oil output was from 12,011.31 to 9,208.58 barrels. The number of new wells was up however, from 120 to 128.

Wildcats opened Clear Fork and Yates production in the county. The Duncan No. 1 Turner-Gregory brought 75.18 barrels of oil on a Clear Fork venture, and Ed's No. 1 Chalk finished 44 barrels from the Yates sand.

New wells were opened in the Dockery, Colman Ranch, Iatan East Howrd, and Turner-Gregory fields, in addition to the two big fields. The Turner-Gregory opened with the wildcat.

**STERLING:** Production dropped

## Oil Pays Third Of State Taxes

Texas' tax receipts would be sharply down if it were not for the petroleum industry.

A survey showed that petroleum industry taxes account for 35 per cent of all state revenue collections. Oil and gas dollars paid for about 48 per cent of the state's cost of public education last year, about 38 per cent of state old age assistance cost, and 45 per cent of state expenditures for higher education.

During the 1955 fiscal year, total taxes from all phases of the petroleum industry amounted to \$158,000,000. Compared with other businesses, industries, etc., the vast petroleum industry pays about 69 per cent of the total state business and property taxes.

The tax rate on oil is 4.6 per cent of value at the well and seven per cent on natural gas.

Production taxes account for the biggest source of revenue for the state, the survey showed. The production tax on oil was \$128 million and \$39 million on gas last year.

The entire oil industry pays 30 per cent of the state's franchise tax, and 35 per cent of the property taxes.

sharply in the county from the first nine months of 1955. Whereas 25 new wells had been opened Oct. 1, 1955, only seven showed during the same period of this year. The drop in potential output was from 2,530.43 to 327.26 barrels.

Of the total, 263.85 came from four wells in the Parochial Bade field. The others were two wildcats. (Sun No. 1 Stringer, to open a San Andres field and Robinhood No. 1 McIntire, a Permian discovery) and a well in the Water Valley field.

The No. 1 McIntire produced 24 barrels of oil on a potential test. The Stringer finished for 23.95 barrels.

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OCTOBER 14 Thru 20**

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"Scramble!" When that call goes out, you can be sure the planes that guard America's safety will be ready to go—thanks to oil!

For it's the products of a progressive, competitive oil industry that power and lubricate giant Globemasters and streaking jets. And the oil industry makes sure our military forces never run short of vital fuels. As the need for new jet fuels skyrocketed over the last few years, the oil industry was ready with the necessary supplies. And it is prepared to meet other possible supply emergencies that may arise in the future.

This is just one of the many ways the oil industry helps make our everyday living safe, secure, and comfortable. And so this week — Oil Progress Week — we'd like to say "thanks" to America's private managed oil industry — and to the many hundreds of thousands of Americans who work with oil.

OIL PROGRESS WEEK—OCT. 14th Thru 20th

## DETERMINATION HARD WORK KNOW-HOW

In The Oil Industry Brings Progress To Big Spring

We are happy to pay tribute to the men and women who make up this vast industry . . . Their tireless efforts are appreciated.

## Also A Risky Business...

### THE SEARCH FOR DIAMONDS

But your confidence in our top quality diamonds produces the incentive for us to continue to discover and import these precious stones for you...

OIL PROGRESS WEEK OCTOBER 14-20



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## Would You Search For Oil?

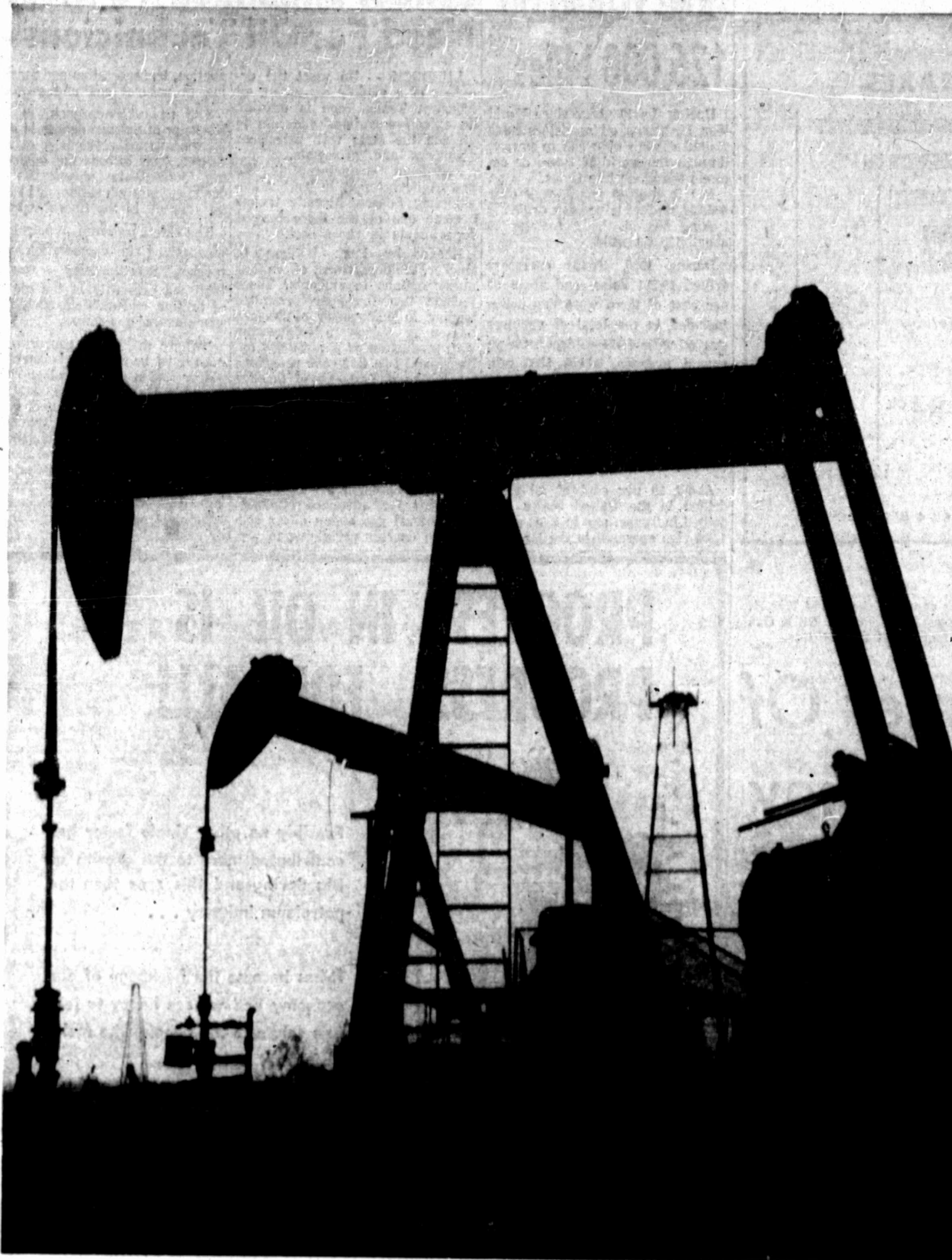
The search for oil is one of the world's riskiest businesses. Only about 1 out of 9 wells drilled ever produce oil. The oil industry continues the search for new resources because . . . oil producers and refineries, along with every phase of the business world, are constantly striving to bring to humanity an era of fulfillment. One in which a man will have greater freedom from the toil and drudgery and enjoy the finer things of life. To this end, we all work. Let us salute the oil industry for its vital work in helping man accomplish these greater things.

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"BIG SPRING'S FAVORITE DEPARTMENT STORE"



Oil Progress Week — October 14th — 20th

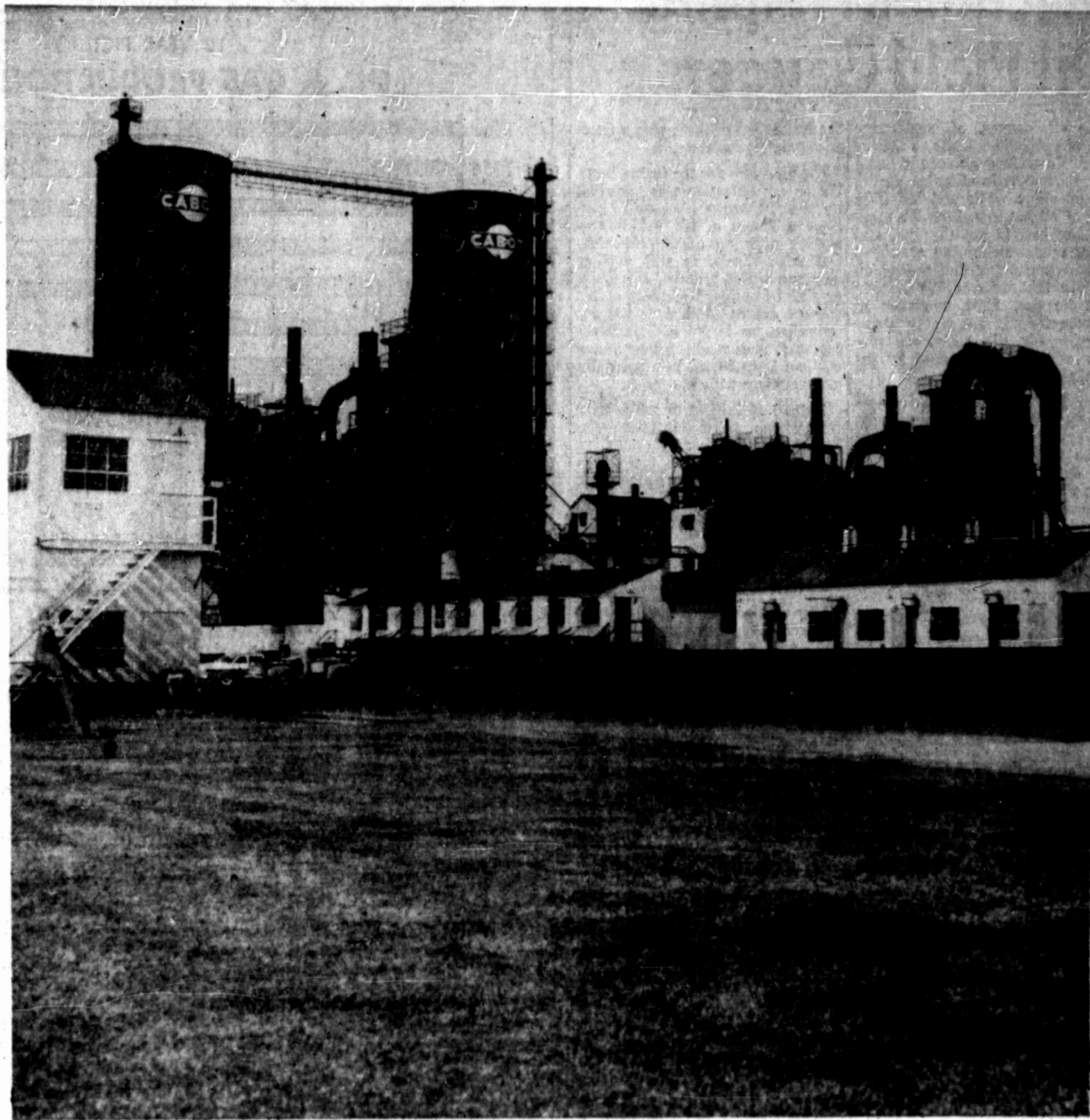
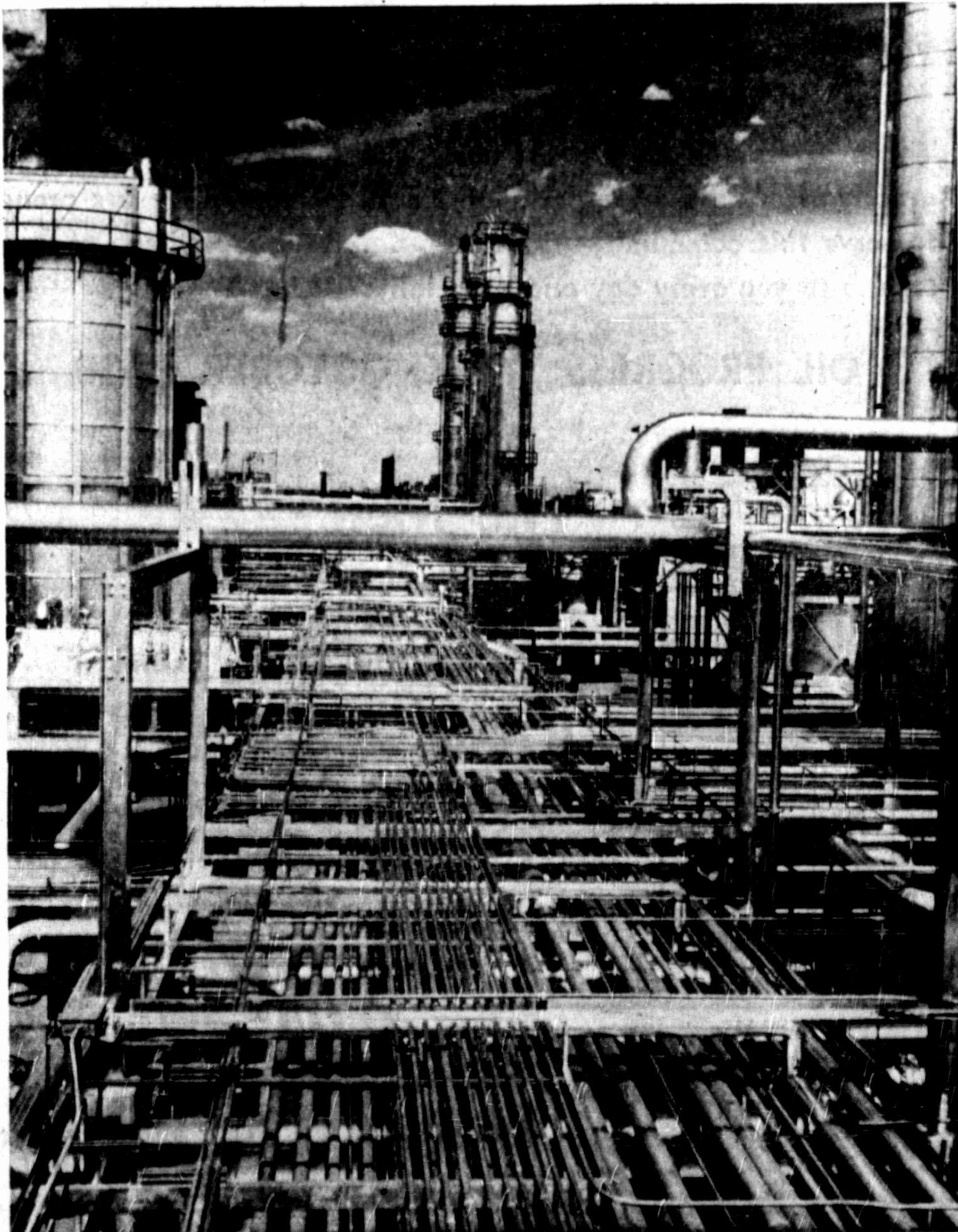


**NO SUNSET FOR PRODUCTION FROM OUR OLDEST OIL FIELDS**  
Water flooding and other methods have prolonged life, increased production on Sunray lease

## BIG SPRING DAILY HERALD

OIL PROGRESS SEC. BIG SPRING, TEXAS, SUN., OCT. 14, 1956 OIL SEC.

**MAZE OF PIPES USHER GASES INTO TOWERS OF PROCESSING MAGIC**  
Cosden's Rexformer recycles materials until 104-octance fuel component results



**OIL AND GAS ARE BURNED TO YIELD VERSATILE TYPES OF CARBON BLACK**  
You can drive your car faster and safer because Cabot's carbon black toughens rubber

# PROGRESS IN OIL

On every hand people of this area can see the evidences of Progress in Oil.

These are quite apart from the familiar evidences of Progress from Oil—the better highways, modern public buildings, new and larger schools, payrolls, leases and royalties which grease the economic wheels.

Those associated with petroleum have constantly been doing something about improving methods of exploration, recovery and processing. Perhaps no industry has ventured so much, and fittingly the rewards have been good.

Fields which were estimated to have 20 years of productive life when they were brought in near here are now yielding more oil after three decades than at anytime in their history. This has been brought about by systematic water flooding to restore and equalize pressures for the most effective means of recovery. Of course, production from a given area is like Babe Ruth once said of sports—"you can't go on forever." But new pools are being found constantly, and new methods are being applied from the start so that ultimately every one of them will produce longer—and what is more important, will produce far more oil in the aggregate.

Not content with having devised more dependable and ingenious means of locating oil reservoirs concealed in the

depths of the earth, and with more efficient means of extracting more and more of this precious fluid, oil technicians have taken giant strides in the field of making oil go further.

No longer is refining restricted to a straight run gasoline with a few lower grades of kerosene and heavy fuel oils. Instead, the yield has become almost limitless as it has spilled into the wonderland of petrochemicals.

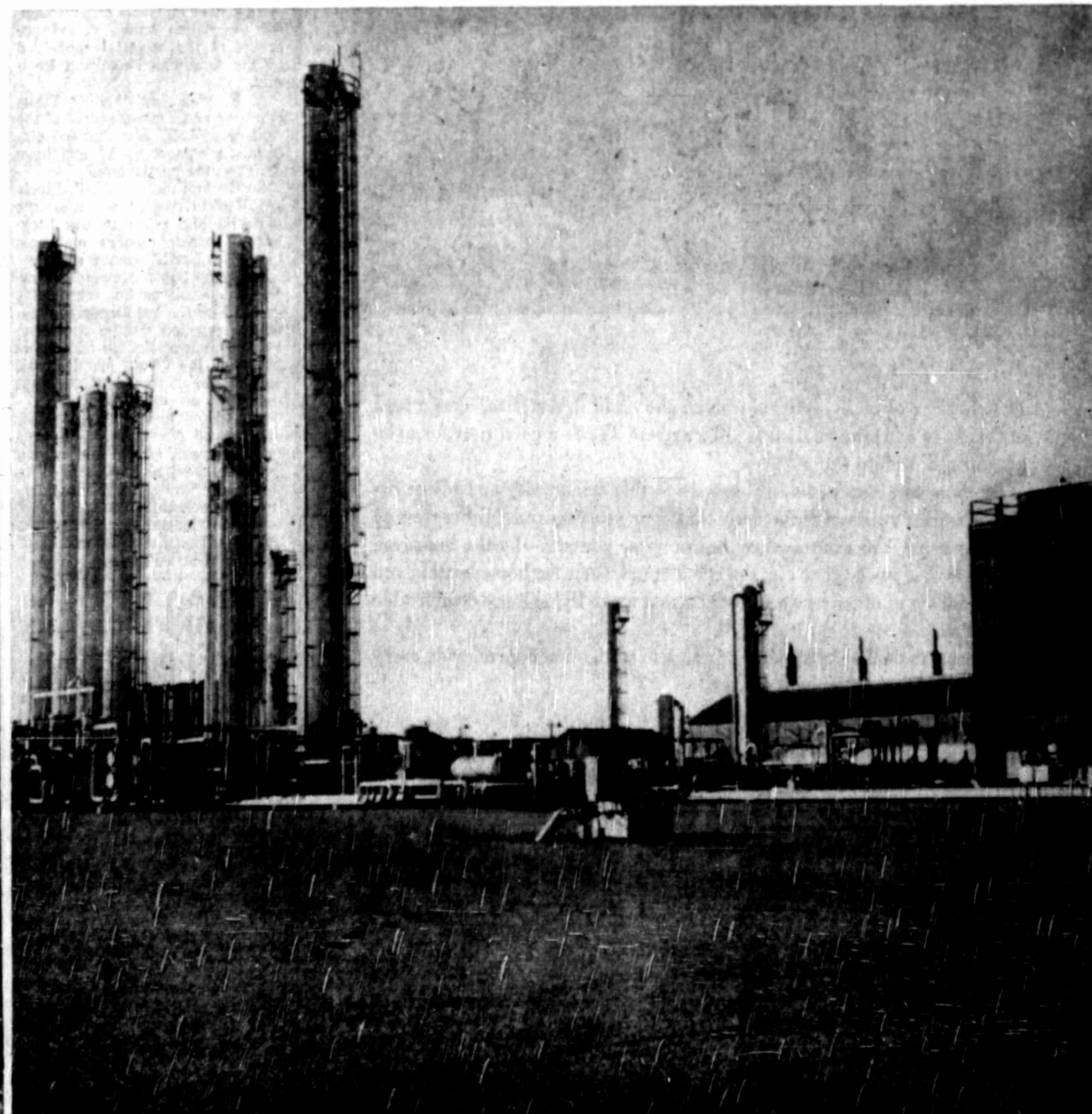
Molecules are cracked apart under heat and pressure or in the presence of catalysts, and then are rearranged. Hot gases move through a maze of pipes and ascend tall towers until various fractions are separated into super-fuels, chemicals and plastics. Low priced heavy oils from processing are recycled until they join the upgrading into more valuable output.

Natural gas no longer is flared, but its liquid content extracted to yield natural gasoline, propane, normal butane and isobutane, while the "dry" gas is still left for sale as heating fuel.

On other fronts, oils and gas are combined for controlled burning to yield such items as carbon black, the ingredient which makes automobile tires tougher than metal, and which has countless other uses for our fast moving age.

Yes, on every hand you will find the evidences of Progress in Oil—and their reflections in progress in living.

**NATURAL GAS IS MILKED OF ITS VALUABLE LIQUID CONTENTS**  
Reef Fields plant extracts gasoline, propane, butane, isobutane and leaves gas



# Machines Helping Oil Field Gaugers

The oil gauger of yesterday was, of special necessity, a sturdy breed. He walked or rode a horse or mule hundreds of miles during his seven-day week and did it in spite of all hazards. Like the mailman, he had to get through, and if that meant swimming a swollen stream or gauging and testing oil far into the night, that's exactly what he did. That pack of equipment could get plenty heavy — especially the centrifuge machine which was powered by the muscle in his arm.

The life of the pipe line company gauger today is, physically, easier one. With the advent of the automobile and the centrifuge operated off the car battery, he is able to trigger the transport of more oil in less time — and do it more comfortably.

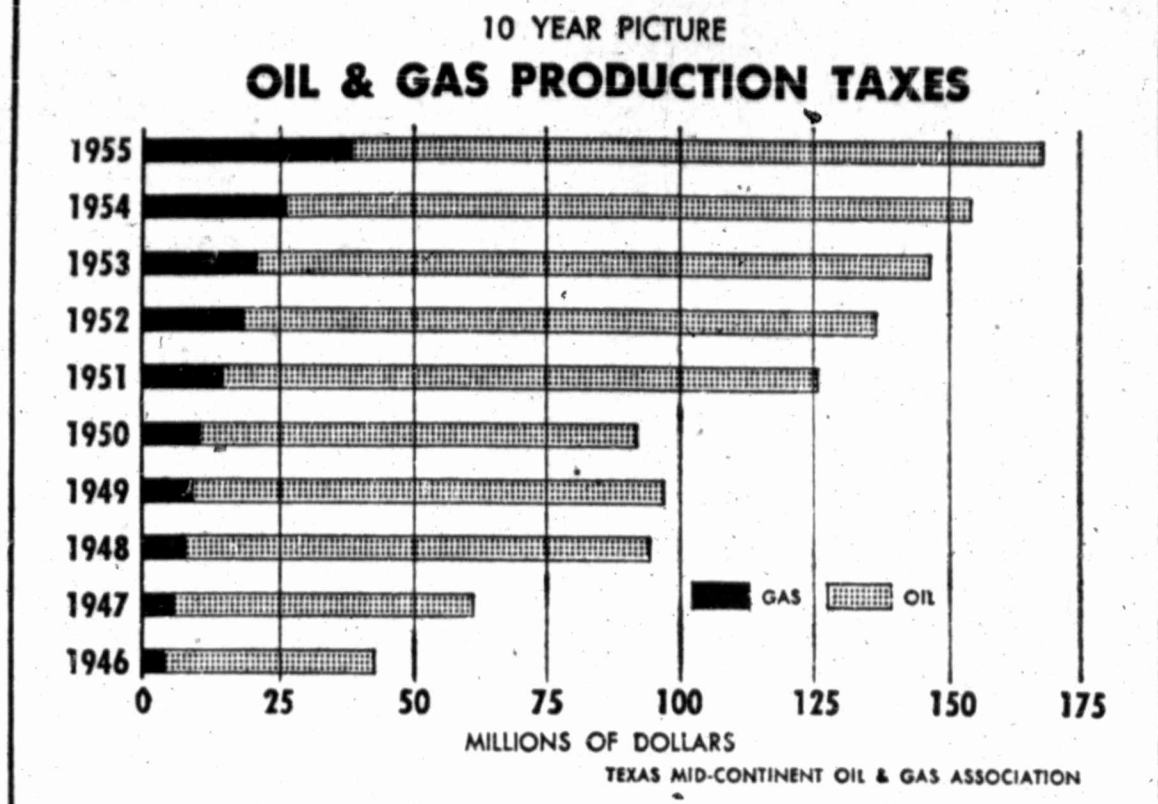
But strangely enough, one of the gauger's activities — bookkeeping — has grown increasingly cumbersome in recent years. Originally after filling out run tickets, the gauger merely sent them to the company office, where the gross volumes were calculated and verified manually. About four years ago, this method was changed, so that the gauger did all run ticket calculations in the field, and sent his reports to the main office to be verified by IBM equipment. The method was accurate, because machine verification detected any errors by the gauger, but

the correction of them was a time-consuming procedure.

The pipe line gauger (using Humble as an example) was spending more and more of his time — perhaps a fourth of his workday — slaving over an adding machine. But now, thanks to still another new run ticket process, the gauger will be relieved of most of his clerical chores. And since the average gauger is not a trained accountant and would rather move oil than keep books, he's naturally pretty happy with the plan.

Instead of having to make field calculations from his gaugings, listing these together with numbers of the seals placed on the valves between gaugings, the gauger now fills out his run ticket and mails it to the division office where the tank tables and seal records are now handled. How well this works is reflected by the record in March of 1956 — no errors.

The elimination of clerical misuses certainly was no new problem. An 1887 gauger's manual issued in Harmony, Pa., quotes an 1882 rule: "If the number of your errors in one month does not exceed four (4) per cent of the number of runs in that month, your wages for that month will be ninety (\$90) dollars; if the number exceeds four (4) per cent, your wages for that month will be seventy-five (\$75) dollars; if it exceeds ten (10) per cent, you will be liable to dismissal."



## Into The Public Till

Production taxes on Texas oil and natural gas have jumped sharply in the decade since World War II, due to both increased rates and increased production, according to the Texas Mid-Continent Oil & Gas Association. State income from oil and gas production taxes in 1955 was four times that of 1946.

# Oil, Gas Are Sources Of Much Of Public Money

With the addition of other state taxes paid by the Texas petroleum industry (ad valorem, crude regulatory, well servicing, and franchise), this brought the total industry state tax bill to nearly \$188 million.

State production taxes are based on a per cent of the oil and gas producers' gross income from sales. The rate is 4.6 per cent for oil and 7 per cent for gas. (A temporary rate of 8 per cent for gas was in effect during fiscal 1955.)

In addition, another 3-16 cent is taken for support of the Railroad Commission, which administers Texas oil and gas conservation laws.

The well servicing tax is levied at the rate of 2.42 per cent on the cost of certain activities, such as cementing.

Heavy taxes paid the state government do not exempt Texas operators from local property (ad valorem) taxes, such as in some other states which levy severance taxes. More than one-third of the property taxes levied by the 254 counties in Texas are paid by oil and gas.

The industry also is a heavy contributor to many independent tax jurisdictions, such as independent school districts, water and levee districts and others.

In a survey made by Texas Mid-Continent covering 413 Texas independent school districts where there are oil and gas properties, more than 90 per cent of local taxes were paid by oil and gas producers in 49 districts; more than 80 per cent in 89 districts; more than 70 per cent in 122; more than 60 per cent in 161; and more than 50 per cent in 187 districts.

Taxes on Texas oil and gas producers help finance nearly every type of state government activity. Oil and gas taxes pay 48 per cent of the state cost of public education; 38 per cent of the state old age assistance cost; 45 per cent of state expenditures for higher education; and 60 per cent of the state cost of teacher retirement, the Farm-to-Market Road Fund, and the State Blind and Dependent Children funds.

The Association did not include the state retail tax on gasoline in its calculations. This tax, levied on the industry's principal product, is paid by the motorist and is collected and remitted to the state by the industry. During fiscal 1955 this source netted the state \$121 million. One-fourth goes to public schools and three-fourths to the Texas Highway Department.

In addition to the tax support from the industry, Texas public schools and the University of Texas benefit from industry operations on their properties. Last year the Permanent School Fund received \$30 million and the Permanent University Fund \$24 million in lease rentals, bonuses, and royalty payments. To date, these funds have received a total of \$455 million from this source.

## Oil Studies Join Three R's In Schoolroom

Oil, that elusive but vital national resource, is joining the three R's as a subject for classroom study.

Students in more than 1,000 Texas schools, with the help of oilmen, discover the magic of this resource every day. They find out about the science, the technology, and the 2,300 products made from petroleum as well as the job opportunities that exist in all segments of the industry.

Six different textbooklets have been prepared with the advice of educators to conform with standard subject material in chemistry, physics, conservation, economics, social studies, and general science classes.

Educators in Texas and throughout the nation have voiced approval of the material sponsored by the American Petroleum Institute.

A. E. Wells, outstanding Texas educator and superintendent of the Abilene schools, says that the materials are most useful and have enriched the curriculum.

Curriculum director E. B. Fincher, Wichita Falls, endorses the material and plans to use booklets as basic resource materials in a new Earth Science course.

Assistant Supt. Alexander Frazier, Houston public schools, is grateful for the supplementary materials supplied by the American Petroleum Institute. He added that much of the best supplemental material comes from institutes that represent an entire industry.

In addition to the 300,000 pieces of material distributed to schools this past year, oilmen and women in Texas lend a helping hand to the teacher by sending class lecturers to schools, sponsoring plant tours for students, furnishing film and providing assembly and classroom demonstrations.

## 80,000 Miles Of Oil Pipeline

Unexposed to the eye are over 80,000 miles of pipeline in the state.

Records show that the state has over 56,000 miles of oil pipelines and 24,000 gas lines. Of the oil pipe total is 33,000 miles of trunk lines and 23,000 miles of gathering lines. The oil pipelines alone exceed mileage of the state's highways by some 8,000 miles.

In addition to pipelines, oil and petroleum products are the major items for rail and water commercial transportation.

Eight out of every 10 tons of commerce handled in Texas harbors are petroleum products. Also two out of every three tons of intercoastal waterway traffic are oil and gas derivatives.

On the railroad front, petroleum makes up one-twelfth of rail tonnage in the state.

### COST OF OIL & GAS WELL DRILLING, BY STATES

AVERAGE COST PER WELL DRILLED (BY STATES, 1953)

California	\$124,700
Colorado	\$124,700
Illinois	\$124,700
Indiana	\$124,700
Iowa	\$124,700
Kansas	\$124,700
Michigan	\$124,700
Minnesota	\$124,700
Missouri	\$124,700
Nebraska	\$124,700
North Dakota	\$124,700
Ohio	\$124,700
Oklahoma	\$124,700
South Dakota	\$124,700
Texas	\$124,700
Utah	\$124,700
West Virginia	\$124,700
Wisconsin	\$124,700
Wyoming	\$124,700

EXPENSIVE QUEST — Replacing oil and gas that is produced is the U. S. oil and gas industry's biggest expense. The chart shows the average cost of drilling a well in the various states, and how the cost soars with depth. The average cost of every well drilled in the U. S. exceeds \$50,000. The chart was prepared by the Independent Petroleum Association of America, based on a joint industry-wide survey by IPAA, the American Petroleum Institute and the Mid-Continent Oil & Gas Assn.

# Hole Would Go 126,000 Miles

During the 10 years since World War II, Texas oil operators have drilled enough oil wells to project through the world 12 times or encircle the globe five times.

For in that 10 years, well over 666,000 feet have been drilled in looking for oil. This footage is about 126,250 miles.

During 1955, Texas operators drilled 19,981 holes, and about 80 per cent of them were dry holes. Included in the total of ventures started were 5,124 wildcats. On an annual average, about \$360 million is lost on dry holes.

Overall, Texas oil men spend about \$1 billion annually finding and developing oil. In addition, \$60 million is spent yearly for lease rentals.

About 30 per cent of all wells drilled in the United States are drilled in Texas, and in 1955, about 1,382 rigs operated in the state.

# School Expanded To Meet Need For Oil Technicians

LUBBOCK — To meet the demands of a rapidly expanding oil industry, Texas Tech is offering an extensive training program to provide the state with petroleum engineers and geologists.

Petroleum engineering is the newest department in Tech's Engineering School. Already it has become one of the three largest departments in the school.

Headed by Prof. William L. Ducker, the department offers four major options to students. These include two four-year programs leading to a Bachelor of Science degree in petroleum engineering with production or natural gas options; and two five-year programs leading to a Bachelor of Science degree in combination with a Bachelor of Arts degree, or in combination with a Bachelor of Science degree in mechanical engineering.

Prof. Ducker pointed out that the production option offers specialized courses in production engineering for advanced students. The natural gas option offers specialized courses pertaining to production, transportation and marketing of natural gas and gasoline.

The newest approach is the Bachelor of Science degree in combination with the Bachelor of Arts degree. This affords the engineering student an opportunity to broaden his education with a background in the liberal arts.

The oldest program — petroleum engineering in combination with mechanical engineering — was established primarily at the request of drilling and oil field equipment manufacturing firms.

"Where drilling is concerned, a man must be both a petroleum engineer and a mechanical engineer to equip himself for the dual aspects of this area. Persons going into oil field equipment manufacturing firms are also dual specialists. They must understand the peculiar problems of the petroleum engineer in order to build and design the specialized mechanical equipment necessary," Prof. Ducker said.

## PROGRESS IN OIL IS PROGRESS FOR ALL!

Possibly no other single factor has contributed more to the growth of Big Spring and this area than the petroleum industry . . .

It has become the backbone of our economy and we are happy to join in a salute to the people who make up the oil fraternity.

# HAMILTON

OPTOMETRIC CLINIC AND PRESCRIPTION LENS LABORATORY

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DEAR MISTER OILMAN:  
**THANKS A LOT**

● Every one of us, every man, woman and child in America, owes a load of thanks to our oilmen. This is Oil Progress Week—a good time for us to put our thanks into words.

By their continuous, faithful service to this community and to the nation, America's oilmen prove daily that your progress and Oil Progress go hand in hand. You can measure that progress yourself—by the improved gasolines that power your car, the efficient new fuels for home heating and the hundreds of other new oil products that make living more comfortable every day.

It seems to us that by serving America so well, oilmen have made every week of the year Oil Progress Week.

## FIRST FEDERAL SAVINGS And LOAN ASSOCIATION

FIFTH AND MAIN BIG SPRING

Oil Progress Week—October 14<sup>th</sup>-20<sup>th</sup>

## We Proudly Salute The Men and Women of The Oil Industry

The progress you have made has greatly affected the prosperity of Howard County. We are proud to serve this community with you . . . it is a privilege to pay tribute to you every day and especially:

### OIL PROGRESS WEEK, OCTOBER 14-20

## The Men

- In The Field
- In The Refinery
- On The Drilling Teams

## Know

GANDY'S DAIRY PRODUCTS Strive To Keep Pace With Their Progress.

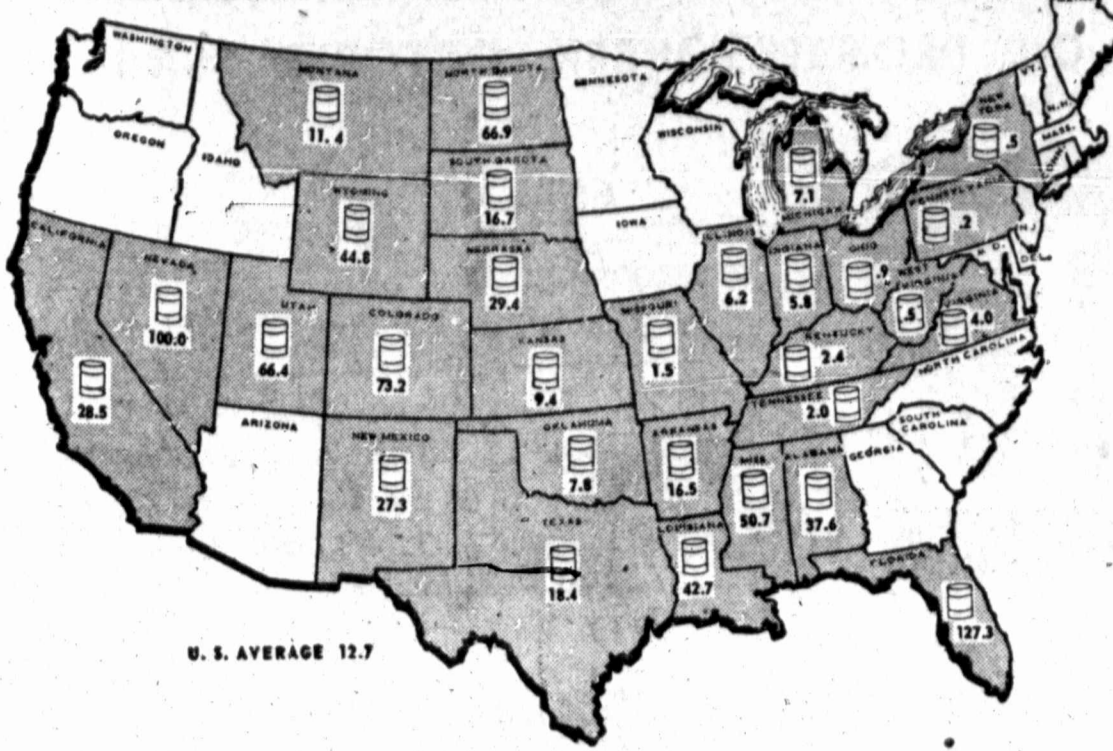
DIAL AM 4-7591 FOR HOME DELIVERY

# Gandy's

DAIRY PRODUCTS ON SALE EVERYWHERE



**AVERAGE DAILY OIL PRODUCTION BY STATES**



**Not All Wells Are Large Producers**

The glamour of big potentials, huge gas volumes and spewing of oil on drillstem tests has created an illusion for many that all oil wells are gushers. This chart dispels the notion. In Pennsylvania, for instance, there are 78,500 wells producing oil, yet the average production per well is only .2 of one barrel per day. The other extreme is Florida, with only 11 wells, producing 127.3 barrels of oil per well per day. The daily average for more than half a million wells in 29 states is only 12.7 bbls. per day.

**IN HOWARD COUNTY**

**13 Pipe Line Systems Carrying Oil Products**

Practically at all times, oil and other petroleum products are being carried through and into Howard County without the average person knowing anything about it.

These petroleum products are being transported along 13 different pipe line systems measuring over 550 miles.

The records in the county tax office showed 562.15 miles of pipelines rendered on their rolls. These totals were through Jan. 1 of this year, however, and the total is bigger now. The exact figure is not known though.

For example, Cosden has laid about 15 miles of gathering lines for crude oil, plus constructing a line from the refinery to Webb AFB and one to Abilene during the year. These projects would add another 35 or 40 miles of lines to their total.

The rolls show four firms with over 90 miles of lines in the county, and leading in mileage is Mag-

nia Pipeline Company. Gulf Refining Company and Cosden Petroleum have practically the same amount for second, and El Paso

**Ocean Of Oil Is Awaiting New Ideas For Tapping**

The techniques of oil production have come a long way since the first commercial well was drilled in Pennsylvania back in 1859. But even the most modern methods leave much to be desired. The best present recovery techniques still leave quantities of oil underground.

Petroleum engineers, for example, have estimated that almost 200 billion additional barrels of oil, which today are unrecoverable by conventional means, are waiting to be tapped by secondary recovery, or by some new and as yet undiscovered method.

Natural Gas is the fourth company with over 90 miles of lines.

Magnolia's total is 98.19 miles, and both Cosden and Gulf report 95.61 miles. El Paso's figure is 64.33 miles, but it is divided into two segments, one credited to the El Paso office and the other share to the Big Spring office.

El Paso has charge of 33.23 miles, and the Big Spring office handles 61.10 miles.

Reef Fields Gasoline Corporation holds 75.83 miles of pipeline in Howard County, according to the tax records, and Shell Pipe Line has 53.66 miles of line here.

Pure Transportation, Sohio Pipe Line, and Sun Pipe Line is marked with 36.51 miles, and 31.55 miles are claimed by Sinclair Pipe Line. Texas-New Mexico Pipeline of Houston has 23.32 miles.

The other firms holding lines here are American Oil of Fort Worth with 14.93, Scurlock Oil of Houston with 5.84, Posotex Pipe with 8.73, and Warren Petroleum with four miles.

**'Degree Days' Help Jobbers Fuel Burners**

A unique mathematical formula is the secret of the fuel oil jobber's ability to know when to fill storage tanks in the homes and office buildings which depend upon this versatile fluid to provide, in many instances, light heat, power, hot water, and many other services and conveniences.

The formula is known as the "Degree Day System." In brief, it takes into consideration the number of rooms in a structure, the insulation, the type of oil burner or heating unit, and similar factors. It establishes a norm for consumption at a given temperature. Then as the temperature moves up and down through the year, the degrees of variation from the norm are computed mathematically — so that the jobber can estimate from a chart when any tank needs to be refilled.

The "Degree Day System" is only one of the many fascinating facets of the oil industry's service system, according to the American Petroleum Institute. There are roughly 25,000 fuel oil dealers and terminal and bulk station operators in this field, indicating, by mere numbers alone, how competitive it is, the API said.

**OIIC Is Selling Free Enterprise**

Next time the census bureau counts noses in Texas it will could add another category.

The new group would be the civic-minded oil men and women who sell free enterprise by telling their friends and neighbors about the operations of the oil and gas industry.

All are members of the Oil Industry Information Committee of the American Petroleum Institute and they number more than 2,000. They serve on 380 local committees in communities from the Panhandle to the Valley, from the Big Bend country to the Sabine.

OIIC has this single objective: To make clear how well the people of Texas are served by the petroleum industry and gain support for conditions under which it can be privately managed, fully competitive and financially sound. E. A. Williford, a sales executive for Continental Oil Co. in Houston, is state OIIC chairman.

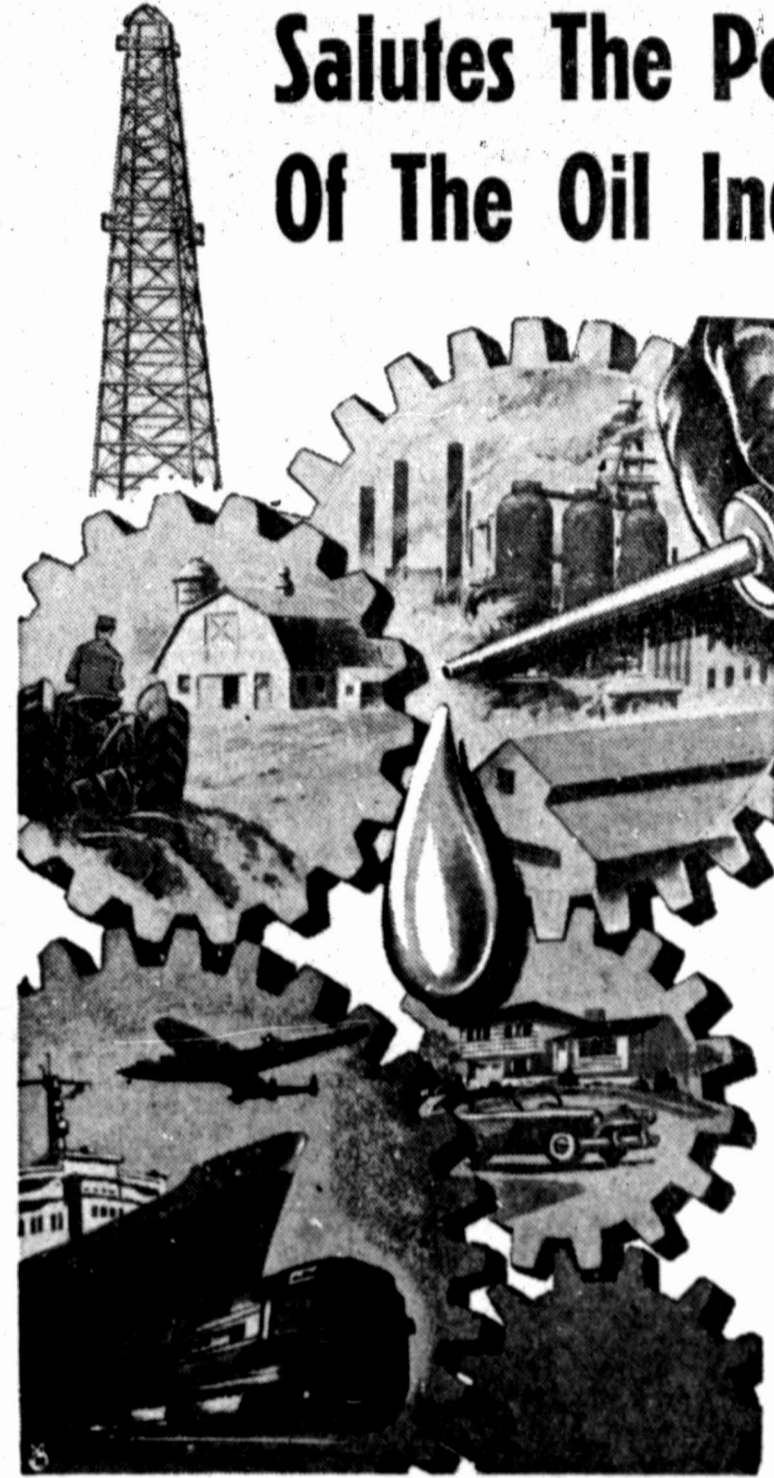
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Dial AM 4-8261

**BIG SPRING'S MOST COMPLETE DEPARTMENT STORE**

**Salutes The People Of The Oil Industry . . .**



We appreciate the contribution people in the oil industry have made and are making to the economy of Big Spring, as well as the progress of our own business.

Please accept our sincere thanks!

**PROGRESS  
IN OIL  
MEANS  
PROGRESS  
FOR ALL!**



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AUSTIN WELCH

HIGHWAY SHELL  
1100 W. Third

**Remember . . . We Have YOU On Our Mind**



OIL PROGRESS WEEK

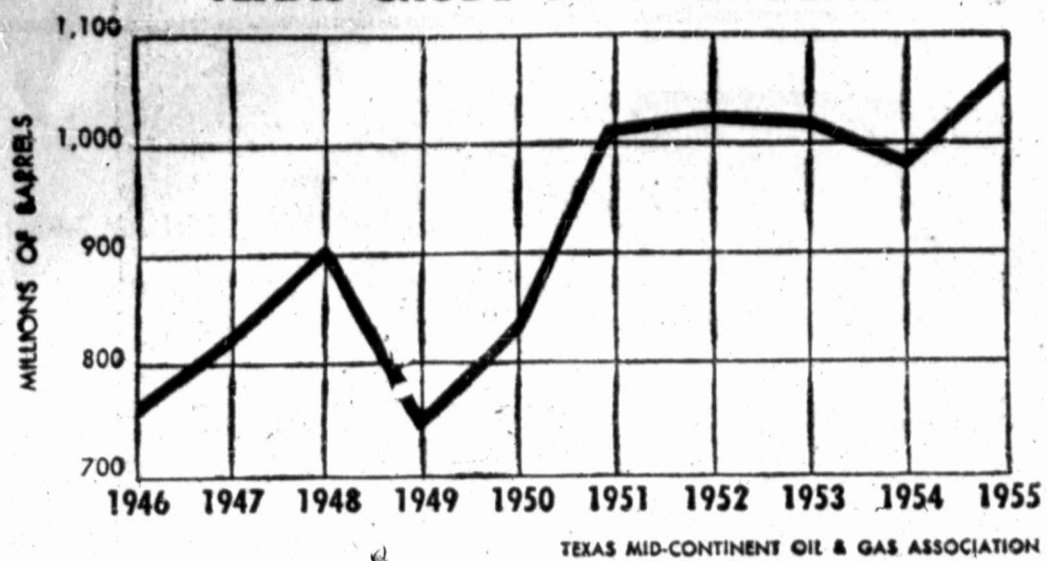
ALL SHELL STATIONS PRESENTING  
"LUCKY FOLDERS"

Your "Lucky Folder" Number May Entitle You To An All Expense Paid Exciting Week-End In The Unique Western Hills Hotel. Drive By Your Shell Dealers For Complete Details!



OCTOBER 14—OCTOBER 20

10 YEAR PICTURE  
TEXAS CRUDE OIL PRODUCTION



Texas Crude Oil Production

Texas oil producers increased the state's crude oil reserves by 3.3 billion barrels from 1946-1955, in addition to producing more than 9 billion barrels during the period, according to the Texas Mid-Continent Oil & Gas Association. Rate of production per-day rose from 2,053,000 barrels to 2,901,000 barrels.

# Texas Oil Production Shows Enormous Gain

Texas oil production in the 10 years since World War II nearly equaled total production of the preceding 50 years and generated \$22,921,000,000 for the state's economy during the decade.

During the 1946-1955 period Texas produced more than 9 billion barrels of crude oil, with output for the past five years averaging slightly more than one billion barrels a year, the Texas Mid-Continent Oil and Gas Association said.

Rate of production per day rose from an average of 2,053,000 barrels to 2,901,000 barrels for the period.

According to the new edition of the booklet, Texas Oil and Gas, published by the association, Texas producers increased the state's crude oil reserves by 3.3 billion barrels in addition to producing the 9 billion barrels during the post-war decade, indicating that 13 billion barrels of crude were found during the period.

Texas has an estimated 17.9 billion barrels of oil reserves—14.9 billion in crude oil and the remainder in natural gas liquids. The state has 50 per cent of the nation's oil reserves and produces 43 per cent of the domestic output, according to Texas Oil and Gas.

Texas has dropped back in relation to world production over the past 10 years, however. Texas now produces only 18 per cent of the world's crude oil. In 1946 it was producing 27 per cent.

In contrast, the Middle East, which produced only 9 per cent of the world crude output in 1946, is now producing 21 per cent. Percentage-wise, Venezuela, another prolific producing region, held steady at 14 per cent for the comparable periods.

Texas produced 39 per cent of the oil consumed in the U. S. in 1946, dropping to 33 per cent for 1955. During the same period the share of the U. S. market held by oil from other countries jumped from 7 per cent to 14 per cent.

According to Texas Oil and Gas, the greatest part of Texas oil production has been from fields discovered prior to the end of World War II. A study of 269 of the state's largest fields (3,000 barrel a day fields which account for 80 per cent of the state's production) shows that about 27 per cent of the 1955 production of 1,058,720,000 barrels was from fields discovered since 1945.

Thirty per cent of the state's production was from fields discovered between 1926 and 1935, and 33 per cent from fields found between 1936 and 1945. Only about 2 per cent comes from fields discovered before World War I.

At the beginning of 1956 Texas had 6,825 oil fields, including 10 which produce more than 10 million

barrels each annually and 181 which produce more than 1 million barrels a year.

Texas has about 160,000 oil wells which produce an average of 19 barrels a day. About a third of these are "stripper" wells, with average production of less than 5 barrels a day. Together, however, they account for about one out of 10 barrels produced in Texas.

Oil fields are produced under strict conservation laws. The rate is affected by the demand for Texas oil and the ability of the individual fields to produce efficiently. The one-million barrel-a-day reserve capacity in Texas represents the difference between current demands and the flow rate the wells could maintain if produced at their MER (maximum efficient rate).

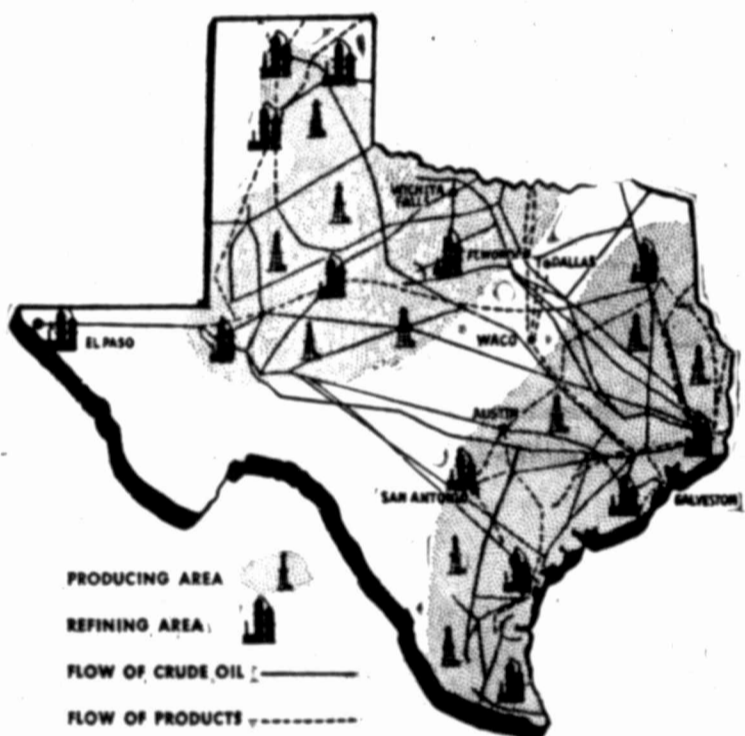
Value of Texas oil production in 1955 was estimated at more than \$3 billion. Total value of crops and livestock sold in Texas last year was \$1.9 billion.

Much of the oil dollar is reinvested in hunting for more oil. One industry survey shows that an amount equal to 65 cents out of every dollar received from crude oil sales is spent on finding and developing new reserves.

Large portions of the oil dollar go for production costs, royalty, and taxes. Texas farmers, ranchers, and other royalty owners in 1955 received an estimated \$450 million as their share of the sale of crude oil.

Production of oil requires the services of about 60,700 Texans who draw some \$337 million in wages each year.

In addition to the \$1 billion operators spend each year in drilling activities, maintenance, and other production is found, is a major cost item. An estimated \$22 million a year goes into pumping equipment alone, according to Texas Oil and Gas.



### Oil Installations In Texas

Texas ranks first in the production of crude oil in the U. S. with a daily average production of 2,900,603 barrels. There are 57 refineries scattered throughout the state, which have a daily average crude oil throughput capacity of over 2,273,000 barrels. About 51,000 miles of crude oil and products pipe lines form a network throughout the state. Indicated on the map are Texas' producing and refining areas and the general flow of crude oil and finished petroleum products by pipe line.



**YOU'RE SAFER**  
when we make your car SOUND!

Keeping your car supplied with high-quality gasoline and oil is only part of our job. We also consider it our job to make sure your car is a pleasure to drive. That's why, whenever you bring your car to us for servicing, we also check your battery, lights, horn, windshield wipers, brakes and scores of other accessories and parts that must be kept trouble-free.

Providing special service like this is our way of getting and keeping your business. It's another example of how you benefit from the healthy competition throughout the entire oil industry—from the oil well to the gasoline pump.

So drive in to our station today. And when you drive out you can be sure your car will be sound—and safer.

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**EARL B. STOVALL, Agent**

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Oil Progress Week — October 14th-20th

## Variety Of Jobs Send Oil Firms After Workers

LUBBOCK — If anyone thinks the oil and gas industry is made up almost entirely of engineers and geologists, a survey of Texas Tech departments will dispell that myth quickly.

The modern petroleum industry's wide diversification of jobs is reflected sharply in the check of Tech curricula.

Perhaps one of the most interesting fields which has come to the forefront within the oil industry in recent years is that of management. A check with Dr. F. L. Mike, head of the Texas Tech management department, reveals that some three out of 10 management graduates over the past five years have gone with the oil industry.

Of the four specialized divisions within the management field, industrial, traffic, personnel and office, it is probable that the first named has had a slight edge insofar as oil industry employment is concerned.

The oil industry also attracts quite a few accountants each year, according to Dr. George Heather, dean of the School of Business Administration at Tech. Of interest is the fact that at least one major oil company has inaugurated a plan whereby cost accountants and engineers are teamed up for various research projects. This company has found that the accountants are more familiar with many phases of the necessary work than are the engineers.

There is apparently a tremendous opportunity for graduates of secretarial administration (largely women) within the oil industry, Dr. Heather also reports. At least two major companies have representatives on the campus each year with instructions to hire virtually every secretarial administration major who wishes an oil industry career. It is probable that all 28 graduates this spring could have entered the petroleum field had they so desired.

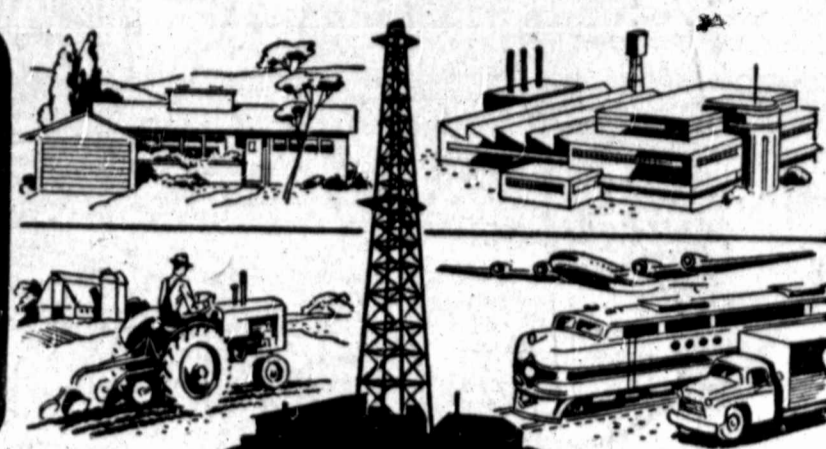
Marketing is another field which puts many graduates into the oil business. The recent opening of numerous retail and wholesale outlets in the West Texas area by several majors has given marketing majors the opportunity of staying close to home. Three of 22 graduates were employed by oil companies in this area last spring.

With the advent of stepped-up programs, especially in the petrochemical field, by many oil companies, graduates in mathematics, physics and chemistry have found the doors open to the industry.

Almost every conceivable career classification can be found within the oil industry. Additional fields of activity which one might expect to find in any large, integrated oil company include advertising, finance, international trade, and numerous others. Such more-or-less unrelated fields as biology, bacteriology, botany, agronomy and horticulture, are represented through the petroleum industry's exhaustive research programs.

The list of oil companies hiring graduates in all of the many fields mentioned above is practically endless. A check of the files at Tech's Graduate Placement Service revealed that no less than 24 oil and related companies hired graduates this spring. This figure is in addition to those companies employing men within the petroleum engineering and geology departments.

## OIL PROGRESS WEEK, OCTOBER 14-20



### PROGRESS MEANS PROGRESS FOR ALL

Your progress and oil progress go hand in hand . . . for every well brought in means more gasoline for your car, more power for your farm and ranch and more of the many oil products that make living more comfortable every day. We are proud to be a part of the West Texas Oil Industry. Our reputation has been established through years of service to oil men of this area. We appreciate the confidence and loyalty shown by our customers. Our aim is continued improvement in service and continued growth to help meet the demands made on our oil industry at home and abroad.

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• Have you ever thought how much Oil Progress means in your daily life? It means better gasolines and lubricants for your car, improved heating fuels for your home, quick transportation on land, sea and air—and it means a constant flow of new oil products . . . all designed to bring you better living.

This has come about because the thousands of companies that make up America's oil industry are constantly competing for your business by trying to reach you first with the newest, most improved oil products and the finest services—all at lowest possible prices.

**STATE NATIONAL BANK**  
IN BIG SPRING

## Oil Workers Earn \$1 Billion

Over \$1 billion is paid out annually in Texas to employes in the petroleum industry. Receiving the pay are some 220,000 men and women.

Of the total employment of the industry, 44,400 Texans are employed in different phases of drilling activity. They receive over \$206 million a year in salaries.

Sixty thousand seven hundred are employed in oil production and receive \$337,000,000 yearly in salaries. Refining companies employ 45,000 Texans, and this group makes about \$250 million each year.

## State Is Big User Of Gas

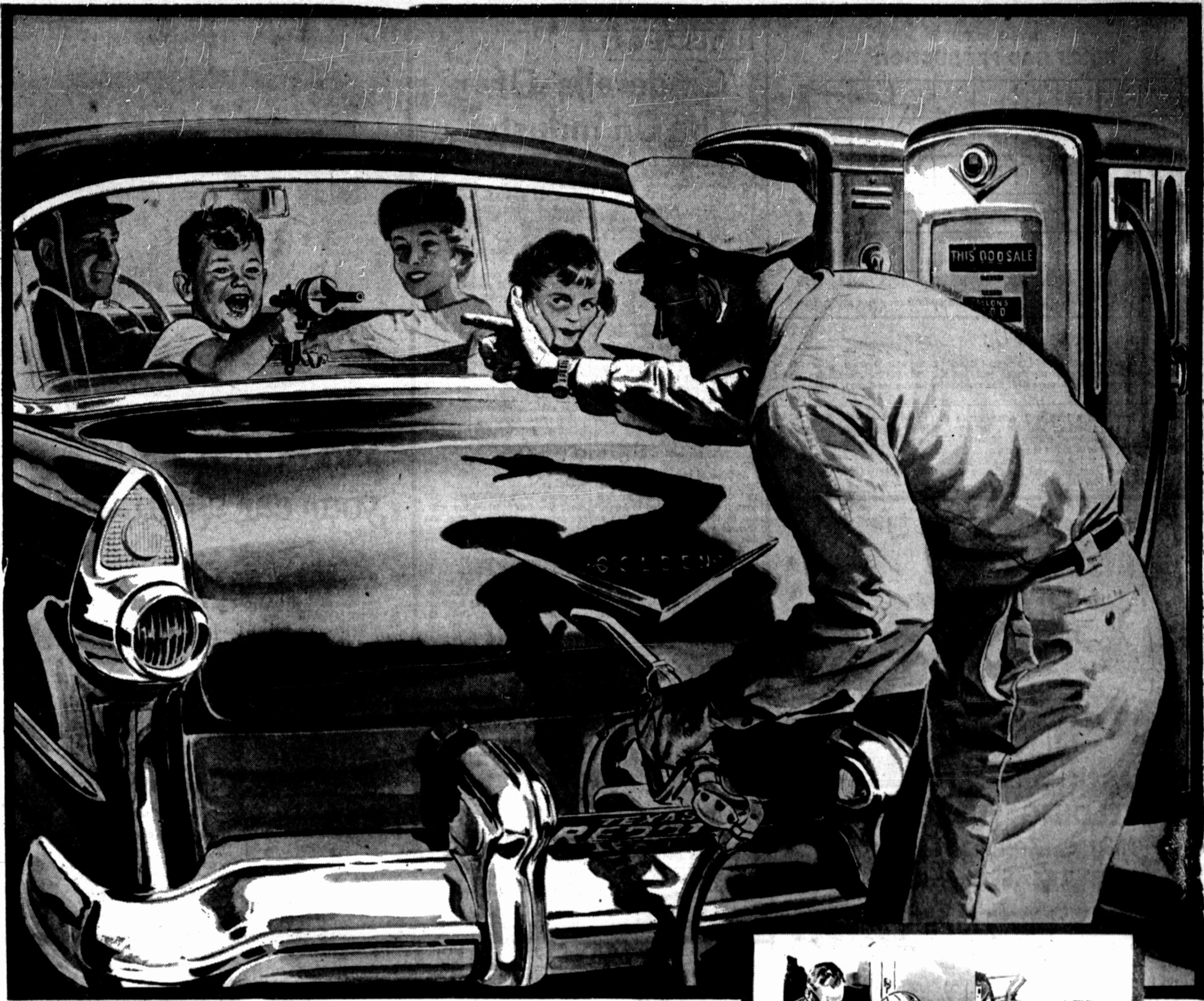
Not only does the Lone Star State produce a majority of the nation's natural gas, it uses more than any other state.

Texas provided 52 per cent of the United States' marketed gas in 1952, and this total was 4.5 trillion cubic feet. On the average, the state consumes about 2.2 trillion cubic feet of gas every year. This is about 24 per cent of all used in the nation.

About 108.2 trillion cubic feet of gas is on hand in the state or about 48 per cent of the nation's reserve.

Texas produces gas from 11,793 gas wells and from 111,644 oil wells. These figures were from 1955. Wellhead value from Texas gas amounted to \$302 million last year.

More than 70 per cent of the state's gas is processed for its liquid hydrocarbons.



## Most Things Cost More... **But NOT GASOLINE!**

There's no need to tell you how much more most things cost than they did in the 1920's. Most things, but not gasoline. Less the tax,\* the price of gasoline has risen only 7 per cent since 1925. And if you consider quality improvement, which among other advantages gives you a marked increase in miles per gallon, you can say that today's gasoline price actually is lower than 1925's.

The oil industry has been able to keep prices so low because it has been willing to invest in the research, the improvement of equipment and processes, and the skilled manpower that has found more oil . . . advanced the efficiency of oil production . . . constructed pipe lines and built tankers . . . built and continually rebuilt refineries . . . and developed the world's finest service stations.

Thus, the low price you pay for today's fine gasolines is the outward evidence of the oil industry's progress in the service of America.

**HUMBLE OIL & REFINING COMPANY**

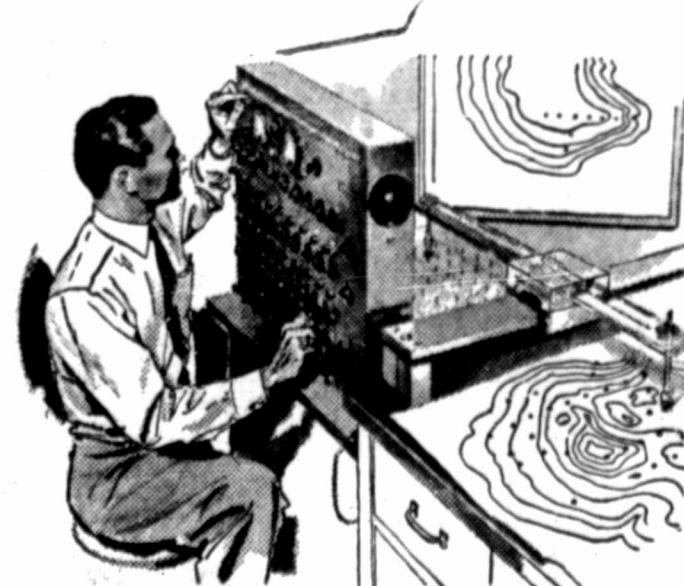
*\*On the national average, motorists pay 8.8 cents per gallon state, local, and Federal taxes.*



*Oil Progress Week  
October 14-20*



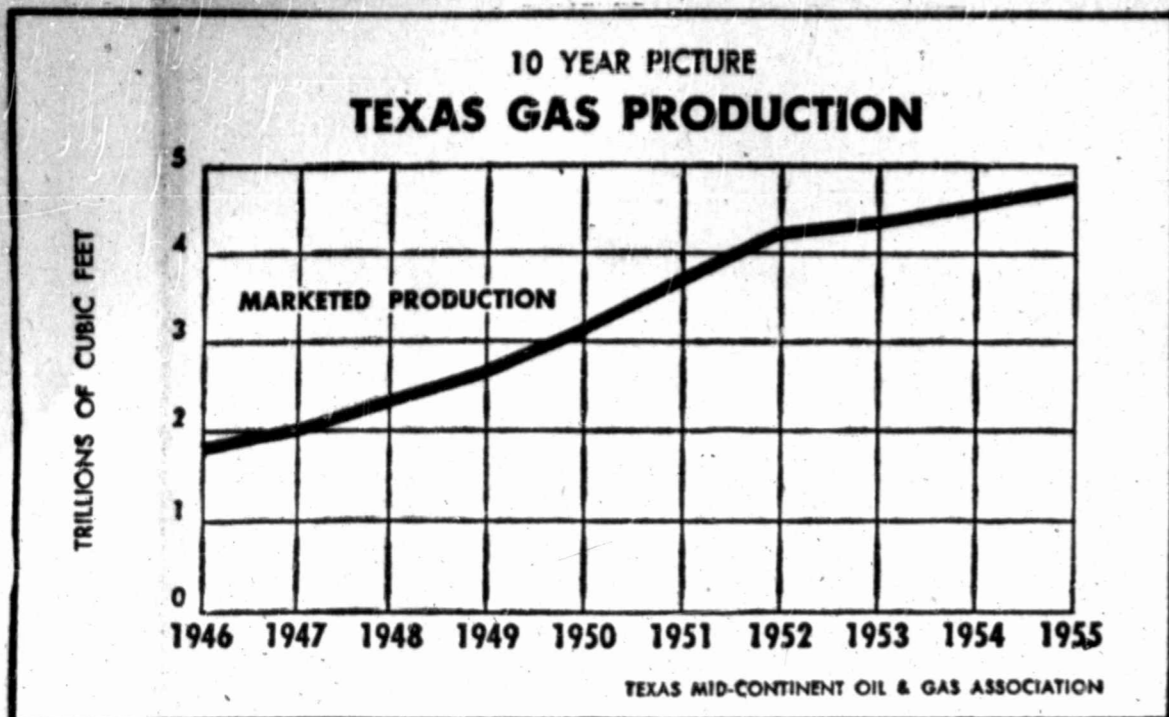
Humble geophysicists study a seismicograph record. The search for oil by advanced geological and geophysical methods goes forward day after day.



Engineers in Humble's Houston Research Center investigate the behavior of an oil reservoir in order to produce oil more efficiently and more economically.



Scientists at Humble's Baytown Research Center seek new and improved petroleum products. From this type of research has also come an entirely new industry—petrochemicals from oil and gas.



**Gas Production Up In State**

Marketed production of natural gas in Texas has increased steadily in the past 10 years, amounting to 4.45 trillion cubic feet for 1955, according to the Texas Mid-Continent Oil & Gas Association. About 79 per cent of Texas gas production was marketed. The remainder, for the most part, was put back underground.

**Off-Shore Well Drilling Costly**

Drilling a well in offshore waters cost roughly six times as much as a land well, according to the American Petroleum Institute. A study of drilling costs covering 82 wells in the Louisiana area indicated the average well cost \$298,800, compared with the onshore cost of \$30,000.

Some 45,000 Oklahomans are directly engaged in the production of oil and natural gas, and many thousands more are employed indirectly as a result of oil and gas production.



**T & T WELDING SUPPLY, INC. Offer Their Congratulations To The WEST TEXAS OILMEN**

Our hats are off to the oil companies of our community—and to the oilmen who stand behind them. They are part of a competitive industry whose constant progress means progress for you, for our community and for America. Today, this progress can be measured by improved gasolines to power your car, more efficient fuel oils for home heating—hundreds of other oil products which add to your comfort and convenience.

This week we are glad to join oilmen everywhere in observing Oil Progress Week. By their continuous, faithful service to you and the nation, America's oilmen have made every week of the year Oil Progress Week.

**T & T WELDING SUPPLY, INC.**

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**NATURAL GAS**

**'Cinderella' Of The Oil Industry**

Once a stepchild, Texas natural gas has become the Cinderella of the petroleum industry, having a value of more than one-third billion dollars a year at the well.

Texas now uses about half of its own marketed gas production while the remaining accounts for one of the state's most important items of export.

According to the new edition of the booklet, Texas Oil and Gas, gas reserves have kept ahead of production in Texas, but the margin between annual production rates and additions to reserves has narrowed in recent years.

In a review of the decade since World War II, Texas Oil and Gas said that in 1946 Texas had a gas reserve of 78.3 trillion cubic feet and had gained 30 trillion cubic feet by the end of 1955. During the period Texas wells produced 36.3 trillion cubic feet, indicating the 66.3 trillion cubic feet were found in the 10-year, a volume equal to 85 per cent of the 1946 reserve.

Addition to reserves dropped below production in 1954, but from 1951 to 1955 the annual average amount found amounted to 5.6 trillion cubic feet, compared with an average yearly output of 4.5 trillion cubic feet.

Discovery of gas, however, carries with it the same financial risk as the search for oil. In 1955 only 603, or 3 per cent, of the 19,981 wells drilled for oil or gas were successful gas wells.

At the beginning of 1956, Texas gas reserves were estimated at 108.2 trillion cubic feet. Texas has 48 per cent of the nation's reserves.

**West Texas Is Largest Region Producing Oil**

Crude oil production in West Texas rose from nearly 360 million barrels in 1954 to nearly 395 million barrels in 1955. Even before that substantial increase in production, West Texas led the oil regions of the nation in amount of oil produced—in fact, flowing more oil than any oil state save Texas.

Major geologic feature of this region is the Permian Basin, which gave West Texas its first major production. Today, however, production isn't limited to Permian formations. Pennsylvanian, Mississippian, Devonian, Silurian, Ordovician, and even Cambrian ages are represented by producing formations.

The area has 57 gas processing plants with a combined daily capacity of more than 2.5 billion cubic feet. These plants processed more than 1.75 billion cubic feet per day in 1955. Liquid products from these operations amounted to 133,511 barrels a day.

There are five oil refineries in West Texas, processing about 94,699 barrels of crude oil a day during 1956.

All types of wells drilled by the industry in the area during the first seven months of 1956 totaled 3,310. Of these 2,716 were oil, 12 condensate, 19 gas, 4 service wells and 568 dry holes. It is interesting to note that nearly 20 per cent of the attempts to find oil in West Texas were unsuccessful.

Important new oil discoveries were made in the McFarland-Wolfcamp Field in Andrews County, Holley-Montoya Field in Winkler County and Block "B" 27-Waddell Field in Crane County.

and 51 per cent of the marketed production.

The major portion of Texas-consumed gas goes into industry. A Bureau of Mines report for 1953 shows that about 35 per cent of the gas marketed in Texas is used as fuel for drilling rigs, pumping machinery, and a natural gasoline plants.

Another 13 per cent is used for refinery fuel and 32 per cent is consumed by other types of industry, including 11 per cent for the generation of electricity. About 9 per cent goes into carbon black, 1 per cent to cement, and 2 per cent to gas pipeline compressors.

Some 1,600,000 homes in Texas take 4 per cent for cooking and heating, and 2 per cent is used by commercial establishments.

Gas users in Texas pay relatively low rates, according to the Association. Average price paid by domestic users is about 71 cents per thousand cubic feet (Mcf), or 18.5 cents below the national average, a Bureau of Mines report shows.

Commercial establishments pay about 46.8 cents, while the average price for industrial uses was 9.4 cents for 1953.

The price received by the producer and royalty owner in Texas is only a small part of the price paid by consumers of Texas gas in other states. According to the Bureau of Mines, in 1954 the average price of Texas gas at the wellhead was 8.5 cents per Mcf. On a national average the residential consumer pays 89 cents per Mcf. In some states the householder pays over \$1 and in New York City a utility firm sells Texas gas to residences for \$2.42 per Mcf. From this the producer in Texas receives 7.8 cents and the pipeline company receives 23.5 cents for delivering it, the Association said.

Because of the problems brought on by federal regulation of prices they receive in interstate commerce, many Texas producers are looking for additional intrastate outlets in Texas.

The many gas distribution and pipeline companies in Texas have invested about \$1.4 billion in Texas facilities. The pipeline companies which carry Texas gas into other states have a total investment of \$4 billion, of which about one-fourth is invested in Texas.

Some 24,000 miles of pipeline within Texas carry gas from the fields to consuming regions. Operated by 99 companies, these lines range in length from less than a mile to a single utility system with 4,890 miles of line.

Added to the economic benefits from large investment, employment, and sales, gas makes a major contribution to the State of Texas through production taxes. Last year gas producers paid \$39 million in taxes from the sale of gas at the wellhead.

Conservation of Texas gas and its valuable liquids has made rapid strides in recent years. In 1955 nearly 177 million barrels of natural gas liquids were recovered by the state's 196 natural gasoline plants and its 32 cycling plants. More than 70 per cent of the gas produced is run through these plants.

The amount of liquids these plants can extract from present gas reserves accounts for 17 per cent, or 3 billion barrels, of Texas' total oil reserves.

**Federal Leases**

More than 80 million acres of federal lands are now under lease to private enterprises for oil or gas exploration and production in the United States, Alaska, and under the sea on the continental shelf.



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Remember how proud you were of your new car when you saw it in the showroom? We'd like to do all we can to keep that car as close to new as possible.

We know that next to your home, it's your biggest investment and therefore deserves the best care in the world. To us this means more than just keeping it supplied with top-quality gasoline and oil. It means extra service—the

kind of service that makes your car a pleasure to drive while you own it, makes it worth more when you trade it in.

Making friends with your car is our business. And making that friendship pay off for you is our job in America's competitive and progressive oil industry. So why don't you bring your car in today—and find out for yourself that we mean all we say!

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During Oil Progress Week we are proud to salute the oil men of our area. Not the least of rich community assets enjoyed by Big Spring is that resulting from oil. Oil has helped build Big Spring and it continues to build our city and surrounding territory.

This is an important economic factor but it is important in other ways also, principally because of the fine people who have progressed with oil and helped Big Spring Progress.

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**OIL PROGRESS WEEK OCT. 14 THRU 20**

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# Howard-Glasscock Production Hiked 70-9 By Water Flood

Oil conservation in Texas is a major factor in the state's crude oil production total, with an estimated one out of every five barrels coming from a secondary recovery project, said the Texas Mid-Continent Oil & Gas Association.

Secondary recovery is a part of the over-all conservation picture in Texas. Orderly production, elimination of production of more oil than will be utilized, and getting the fullest use out of that already produced, also are part of the conservation pattern, the Association said.

"In short, oil conservation in Texas means billions more barrels of oil and longer life for the state's oil-based economy," according to the new edition of Texas Oil and Gas, published by the Association.

Recovery of oil may be in the "primary" or "secondary" stage. Regulated production and skillful use of original natural pressures underground have increased primary oil recovery.

In recent years, injection of water or gas into formations has increased the secondary recovery of many fields. It has been estimated that the East Texas field will recover more than two billion extra barrels of oil through the return of salt water to the producing formation and through regulated production.

Some 400,000 barrels of salt water are returned daily to the 25-

year-old field for each 200,000 barrels of oil produced.

In the younger Canyon Reef fields of Scurry County, hundreds of operators and thousands of royalty owners have "unitized" an operation which puts water and gas back into the formation. In the Kelly-Snyder field, an estimated 795 million barrels of oil will be recovered in the next 40 years through the program, in addition to the 867 million which would have been produced without these conservation methods.

The Texas Railroad Commission report for the Texas Petroleum Research Committee to 1954 lists more than 400 secondary recovery projects in Texas.

Waterflooding projects account for many of these programs. About 32 per cent of the 934,000 barrels produced in the North Government wells field of Duval County is credited to waterflooding.

The Howard-Glasscock field, Howard County, increased its daily production from nine to 70 barrels per well within two years due to waterflood. The program will result in an estimated 80 per cent recovery in the field.

In Wichita County's West Burnett field a waterflood project increased production from 250 barrels a day to 5,000 barrels daily.

The Corsicana field, oldest commercial field west of the Mississippi, will give up an estimated 10

million additional barrels as a result of waterflooding.

Waterflooding is credited with nearly all the 17 million barrels of oil recovered from the South Ward field between 1948 and 1954. Some 25 million additional barrels of oil are expected to be produced because of salt water injection into the Oyster Bayou field, Chambers County.

As with water, which washes the sands free of by-passed oil, natural gas also cleanses the sands when pushed underground under force. An estimated 10 years have been added to the life of the Rincon field, Starr County, by injection of gas into the sands. Another 1,300,000 barrels of oil is expected to be recovered by this method.

Gas injection also accounts for more than one out of every four barrels of oil recovered from the Opelika field, Henderson County.

Well spacing, rate of production, and the use of water and gas pressures are all part of the conservation pattern in Texas. Conservation laws are administered by the Railroad Commission.

The Texas Conservation system of industry-state government cooperation aims at making the best use of underground pressures to

## TEXAS EMPLOYMENT



### One Out of Seven Works for Petroleum Industry

Earning \$1 Billion In Oil

One of every seven employed Texans works in the state's oil and gas industry, according to this chart by the Texas Mid-Continent Oil & Gas Association. Some 220,000 workers with a total annual wage of \$1 billion are employed by the petroleum industry, compared with the state total of 1,489,000 employees drawing \$5.6 billion in annual wages.

aid oil recovery and assuring the landowner and operator his rightful share of the market by requiring buyers to spread purchases among leases in a field.

This method of protecting property rights has increased competition among operators and has caused the replacement of oil "boom towns" with permanent cities with stable property values, according to the Association.

### Proved Reserves At Record High

Proved reserves of liquid petroleum have been increasing steadily through the years, despite a corresponding increase in consumption and demand.

The American Petroleum Insti-

tute said this fact alone is testimony of the industry's foresight and determination to protect the country's security and prepare for the future.

Currently, proved reserves of liquid petroleum amount to 35 billion, 400 million barrels, a record high.

## Stations Giving 'Service Plus'

Probably more people are familiar with service stations than any other phase or segment of the modern oil industry, yet few people really know much about these "islands which make up the backbone of petroleum's vast distribution chain, according to the American Petroleum Institute.

"They used to be known as 'filling' stations, but they really are what they are called now — service stations," the API said. "They not only retail basic products to the motorist, but they also provide him with a variety of extra services — maps, battery and motor checks, distilled water, air for the tires, clean restrooms, information about roads, communities, motels, hotels, and directions, in addition to minor repairs on cars and windshield wipings — all for free."

Competition is the key factor which keeps this phase of the industry on its toes, the Institute said, and this same competition is the factor which keeps retail prices of gasolines and other products at reasonable levels.

The distribution chain is vast, the API continued — and "rarely, in any section of this country, is

the average motorist more than an hour's drive at the most from a service station." In most areas, the motorist has a wide choice of brand names and products, each literally tailored for his car or requirements.

There are almost 200,000 service stations in this country, the Institute said, and 19 out of every 20 of these are independently owned or operated by local businessmen.

"They are and have long been so much a part of the American scene that we often forget about the comforts and conveniences they provide for us, and probably the majority of the times we never stop to think of the immense industry which stands behind the service stations and makes this all possible."

### 190,000 Miles

A network of 190,000 miles of petroleum pipe line crisscrosses 44 states and the District of Columbia. Pipe lines are the third largest ton-mile movers of all forms of commodity transport.

## Rubber Balls Used To Seal Off Most Permeable Zones

MIDLAND — Newest development in fracturing and acidizing methods is a small rubber ball offered by the Western Company of Midland.

The servicing firm has recently put on the market "perforation ball sealers" as an inexpensive treatment.

The balls, 3/8 inches in diameter, are used as free floating valves to perform a function formerly possible by use of expensive down-hole tools.

The balls may be used for well completion treatment or work-over operations, where perforations offer access to the pay zones.

In multiple zones, or thick sections, one zone of the formation is normally more permeable than others, and as a result receives most of the treating fluid as it follows the path of least resistance.

Introduction of the perforation ball sealers into the treating lines

after the more permeable section has been fully treated results in the balls following the flow of fluid and sealing perforations taking the treatment, to divert the fluid into less permeable zones.

The balls may be introduced into the treating line as many times as necessary to insure complete treatment of all the pay zones.

Advantages of the use of the ball sealers, include the single set-up of fracturing or acidizing equipment and a subsequent saving in time; minimum use of the down-hole tools; minimum danger of an over-all more effective treatment.

Many months of research went into the development of ball sealers. Problems of ball size, density and toughness; method of injection into the treating line, and considerations all had to be overcome before the final method and product emerged.



These Are Ball Sealers

Little rubber balls, seven-eighths of an inch in diameter, are being used as fracturing and acidizing aids. Of hard rubber, the balls are injected into treating lines during treatment and seal off perforations to divert fluid into less permeable zones.

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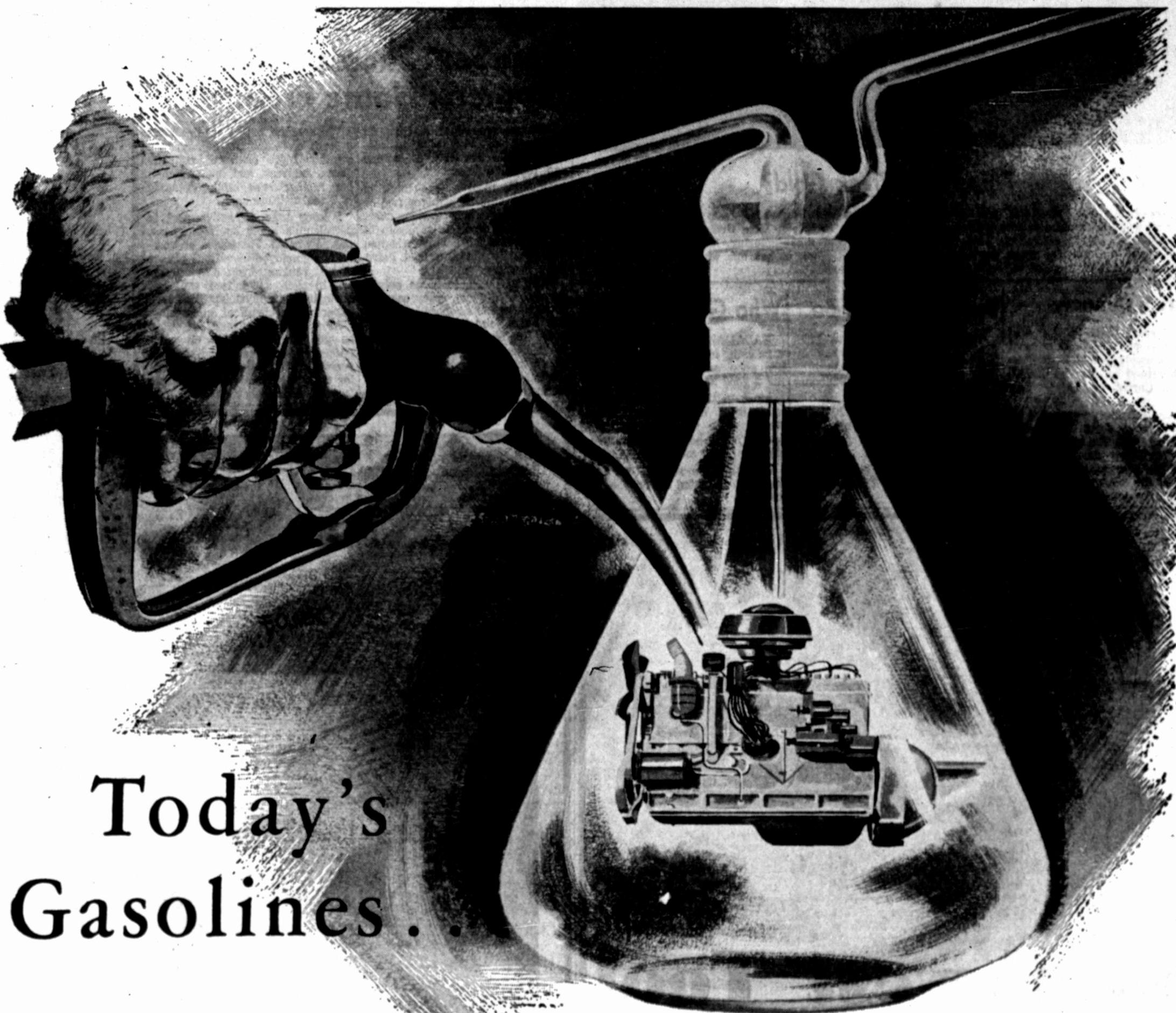
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OIL PROGRESS WEEK  
October 14-20

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BIG SPRING, TEXAS



## Today's Gasolines.

## ... and Tomorrow's Cars:

As you climb into your car a little known partnership operates continuously for your benefit. It consists of competing scientists and engineers from the oil industry, working closely with major car manufacturers. They may test drive fuels in 1957 cars, or work with experimental engines for 1960. When those 1960 cars come off the assembly lines, fuel must be available to power them. Quantity production of such fuels is no overnight task.

It's a well known fact that higher compression engines have demanded improved gasolines. Different companies have met this challenge in different ways. . . . What did the makers of Mobilgas do? As a leader in modern catalytic refining, we're investing more than \$100,000,000 in octane

formers at all refineries. Octane is the ability of a gasoline to perform, without knocks or pings, in your car's engine. The octane of Mobilgas R has been boosted to that of premium grade of only a few years ago. Mobilgas Special is the *biggest octane* fuel in Mobilgas history.

But Mobilgas research scientists agree that high octane alone is not enough. To help your car deliver smooth, full powered performance and economical mileage, we developed and tested an effective combination of chemical additives called MCA. These additives are put into *both grades* of Mobilgas to: Control harmful preignition; extend spark plug life and correct spark plug misfiring; clean carburetors; and reduce stalling.

TODAY'S MOBILGAS IS TANGIBLE EVIDENCE THAT

*Your Progress and Oil Progress go Hand in Hand!*

Magnolia Petroleum Company

A SOCONY MOBIL COMPANY





**This From Black Gold?**

Yes indeed, this clear plastic is just the sort of thing that will be coming from black West Texas crude oil when Cosden's new \$3½ million styrene facility is complete. Here George Grimes, refinery superintendent, and Dan Krauss, vice president in charge of manufacturing, look over the styrene shovel which was used to break ground for the big project. This is but one of the bits of magic wrought in Cosden's modern refinery and petrochemical plant.

**Church Cannery**

SAN DIEGO, Calif. — One of the least known and most unusual seafood packing plants in California is operated here by the Church of Jesus Christ of Latter Day Saints.

The small cannery purchases tuna and albacore from the San Diego fishing fleet. The canned product is distributed chiefly to members of the Mormon church.

None of the cannery workers receive compensation.

**But He Would Be**

OKLAHOMA CITY — Mike Sabouri of Teheran, Iran has decided that he can't be classified as a foreign student at Oklahoma City University.

Introduced to another OCU student, his new acquaintance asked where he was from.

"Iran," replied Mike.

"Oh," said the other student, "and what part of Texas is that in?"

**Who Got Clipped?**

KALAMAZOO, Mich. — A man came into Eugene Scott's barber shop and announced: "Give me a good haircut or I'll hit you."

After getting the clipping, the unidentified customer clipped Scott on the nose, saying: "I've paid a lot of barbers in the same way for giving me a bum haircut."

With that, he stalked out leaving Scott clutching his nose — and the bag.

# Technology Contributes To Conservation Of Oil

Processing technology has contributed much to conservation in petroleum.

Three decades ago when the principal function of a refinery was simply to "skin" crude oil by heating and distillation, the yield was no more than 50 per cent of straight run gasoline. Today, using Cosden Petroleum Corporation's modern refinery and petrochemical plant as an example, 70 per cent or more of oil is turned into gasoline or lighter products.

This is accomplished through a variety of methods, including cracking, selective and super-fractionation, platforming, and alkylation.

Instead of just one product — gasoline — Cosden today turns out more than two dozen separate products, many of them with multiple grades and blends.

There was a time when residual oils were a glut on the market, and huge quantities of "coke" were left to be given away or somehow disposed of. Now Cosden even captures the odor in West Texas sour crudes and turns it to useful chemicals.

Thus, every barrel of crude oil today is being stretched further and further. Fuels are more potent, petrochemicals are more versatile. The energy and products which issue from a barrel of crude oil are vastly greater than three

decades ago just before Cosden's plant was started here.

One thing which has resulted from the technological advances is the constant raising of octane values in motor fuels. Cosden's latest unit, the Rexformer, turns out a component capable of 104 octanes leaded.

Once 60 octane was considered premium grade gasoline. As compression ratios of engines have mounted, the demand for better and more potent fuels has soared. Although the miles per gallon factor seemingly has been static for many years, actually the net effective energy has climbed sharply. Your car may still be getting about the same number of miles per gallon of higher grade gasoline — but it also is operating an air conditioner, power steering, power brakes, heater, automatic windows and other gadgets. Take off all the extras and your mileage would go up.

Here are some of the things which happen to a barrel of crude oil when it goes through Cosden's plant:

Part of it becomes LPG products (liquefied petroleum gases) such as butane, propane and isopentane. Part of it becomes high grade (115-145) aviation gasoline through an alkylation process. Some is issued as airplane jet fuel.

The big recovery is still gaso-

line, and Cosden can custom blend to any specifications in the country today. The concern also markets high octane blending agents.

Then there are kerosene, tractor fuel, absorption oils, diesel fuels, burning oil (household heating), sandtrac oil (for treatment of oil wells), carbon black fuel oil, and residual oils.

Cosden also produces road oils for stabilization, waterproofing and

compaction. The company also turns out road asphalts of various grades and roofing asphalts.

But this is not all the story, for a dozen items come from the petrochemical magic of the plant. Aromatic chemicals include benzene, toluene, xylene, para-xylene, aromatic solvents and mixtures of them; polybutene, a versatile fluid used in adhesives, paints, and lubricating oils; Kenflex resin; mercaptans (that smell mentioned earlier); acid oils; and within a matter of months, styrene. The latter product is used widely in clear plastics and in synthetic rubber manufacture.

If refining had not made material — yes, almost miraculous advance — it is highly doubtful that enough oil could safely be produced to meet today's unprecedented

demands. Moreover, our modern automotive engines and highways would not have been possible either.

**Courteous Calamity**

NORFOLK, Va. — A Norfolk man returned to a downtown parking lot to find the fender of his car badly dented and this unsigned note stuck behind the windshield wiper blade: "I creased your fender."

**Dog's Revenge**

DALLAS — Elton Ayett leaned against a dog catcher's truck to chat with the dog warden. A dog reached through the wire door and bit him, he told police.

## 'Fair Sex' Shares In Oil Progress: Home Products

Both as a product and as an industry, petroleum plays a substantial role in world of women and feminine interests.

Although most people think of petroleum only as a motor fuel or home-heating fuel, the products that have a direct relationship to oil and women are almost legion, according to the American Petroleum Institute.

Some of these, to name only a few, are detergents, spray cologne, plastics for belts, shoes, refrigerator boxes, and toys, nylon stockings, toothbrushes, make-up bases, lipsticks, adhesive bandages, toe rubbers, cold cream, artificial hair buns, lingerie, synthetic textiles, and fabrics.

"In essence, petroleum is almost a form of magic for millady, giving her more comforts, conveniences, services, and luxuries than her mother ever really dreamed of," the Institute said.

Women take an active part in petroleum's many operations, too, the API noted. Thousands of women are employed in various phases of oil, ranging from office workers to such specialized skills as geologists, geophysicists, research experts, and chemical analysts.

In addition, thousands of women are stockholders in oil companies and interests, and receive, accordingly, continuing payments for their participation in this basic form of American capitalism.



We are indeed proud of the progress made in oil and what it has meant to our community and West Texas generally.

We're Also

## Proud of Our Progress

because our store is recognized as one of the finer men's stores in West Texas, featuring the best lines in the nation.

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any emergency: Because we're local business men, we know exactly what kinds of products and services our neighborhood needs. That's how we can compete for local business: And that's how we carry out our responsibility in America's progressive oil industry.

Here's our Oil Progress Week pledge that we'll never let you or this community down:

OIL PROGRESS WEEK, OCT. 14 THRU 20

## THE TEXAS CO.



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# Water Turns Into 'Gold' On Sunray Forsan Lease

By WAYLAND YATES  
The ancient art of alchemy—in which the alchemists worked to turn the baser elements into gold—has been revived out at Forsan.

This time it's working. Oil company "alchemists" are turning water into gold.

The gold is black, and the alchemists are the production engineers for the various oil concerns with holdings in the venerable Howard-Glasscock Field. Their success has been phenomenal.

The outstanding success story comes from Sunray Mid-Continent, which was the first concern to get really serious about increasing oil production by pumping water into the oil producing Yates sand.

Production has been increased about 2,000 per cent by Sunray on its 480-acre Dora Roberts Lease.

That's on the basis of actual production since the company started water flooding the Yates sand in February, 1952, in comparison with estimates of what the lease would have yielded without water flooding.

Oil was being produced at the rate of about 200 barrels per day when the project was started. Today, the lease is producing around 1,275 barrels per day. When peak results were achieved, about 4,100 barrels of oil per day were produced.

The production has apparently

become stable at the 1,275-barrel mark, and Sunray engineers expect it to remain at that level for about three more years. By that time, most of the oil may have been recovered from the prolific formation.

C. C. Brunton, Sunray's lease superintendent at Forsan, said an aggregate of 3,584,937 barrels of oil have been drawn from the 480-acre Roberts lease since February, 1952, when the water flooding was started.

He estimated, on the basis of a declining production rate of 200 barrels per day at the time the program was initiated, that the lease would have produced 176,000 barrels of oil during the same period without water flooding.

The increase, credited to the water flooding, is 3,388,937 barrels for the period of slightly more than four and a half years. That's a gain of nearly 2,000 per cent.

Starting the water flooding with 14 producing wells, Sunray has been able to increase producers to 43. There are 47 water injection wells, located in a "five-spot" pattern so that there is an injection well in every quadrant around each producer.

Since the program was started, Sunray has injected 13,927,499 barrels of water into the Yates sand. Oil wells have "produced" 5,791,279 barrels of water, along with

the 3,584,937 barrels of oil during the period, Brunton said.

Sunray has produced its own water for the injection. About \$1,000,000 has been spent on the project—acquiring and treating the water for injection, drilling new holes, and fighting corrosion, among other things. However, with the estimated 4,488,937-barrel increase in oil production, the investment has paid off handsomely.

Water is injected into the oil-producing sand under varying pressures ranging up to 600 pounds. Four pumps are operated, along with an intricate manifold system, to provide the proper pressures for the various wells.

Brunton said that from one to two barrels of water are injected for each acre foot of oil sand each day.

Sunray also has been trying the water flooding technique on the San Andres pay, but without any noteworthy results. Oil production has increased only slightly, but engineers are still working on the project in hopes of developing a workable system of water flooding for the San Andres.

Since the San Andres project was started in November, 1955, Sunray has increased its producers from four to five. Oil production has climbed from 27 barrels to 81 barrels per day. At the same time, the volume of water produced



Production Men At Manifold

C. C. Brunton, right, Sunray lease superintendent, and Marvin Miller, Phillips lease foreman, are shown with the manifold at Sunray's water injection plant near Forsan. The water flooding has resulted in a 2,000 per cent increase in oil production on the lease. Phillips also has had good results from water flooding.

from the oil wells has gained from 20 to about 265 barrels.

For the San Andres, Sunray has set up a 60-acre "pilot flood" on an area still being tried.

Brunton said his company expects the knowledge gained on the San Andres trial here to pay big dividends over its entire operation.

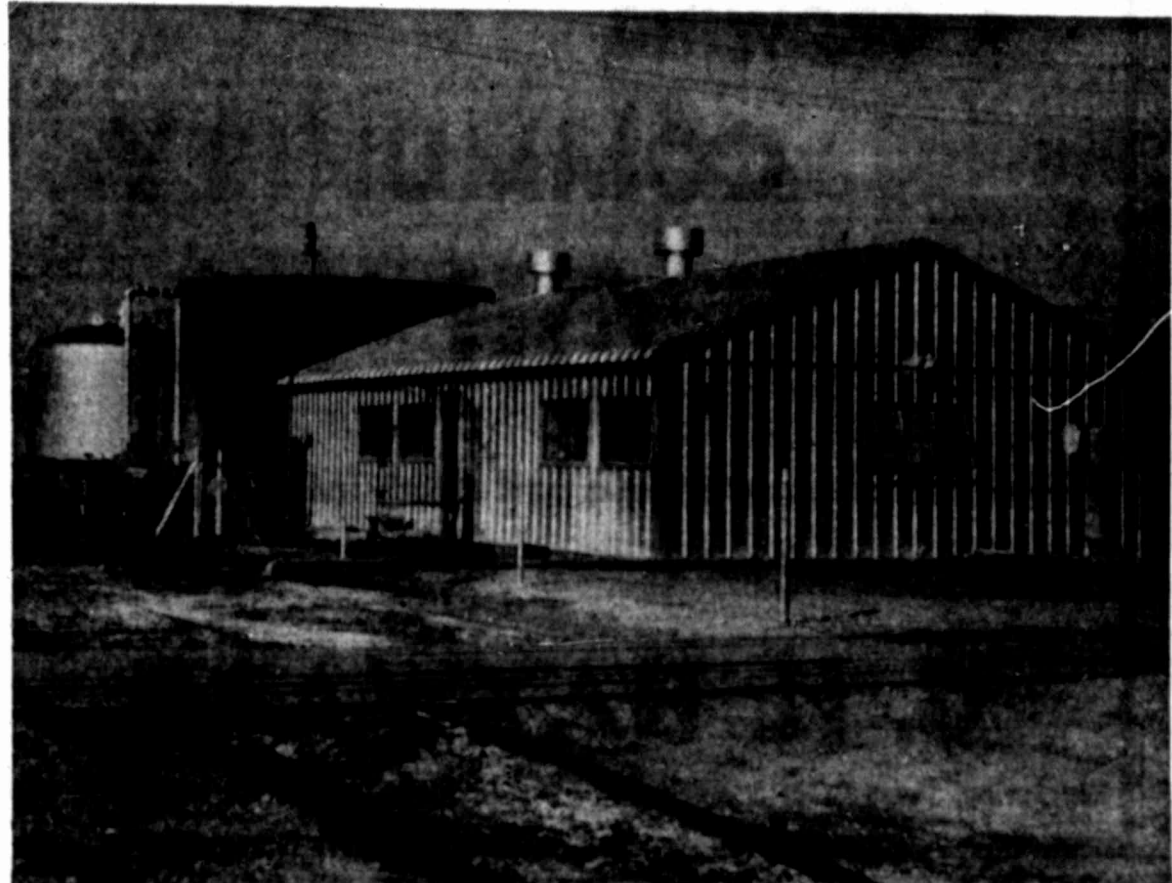
The experience of Phillips Petroleum Company has paralleled that of Sunray on a lease adjacent

to the Sunray operation. Mervin Miller, Phillips lease foreman, said his company has fewer wells but has had similar experience on a water flooding program like that of Sunray's. Production from Phillips' 10 wells is now running about 550 barrels of oil per day from the Yates.

Phillips also has received a poor return on water flooding the San Andres. Brunton figures that Sunray's

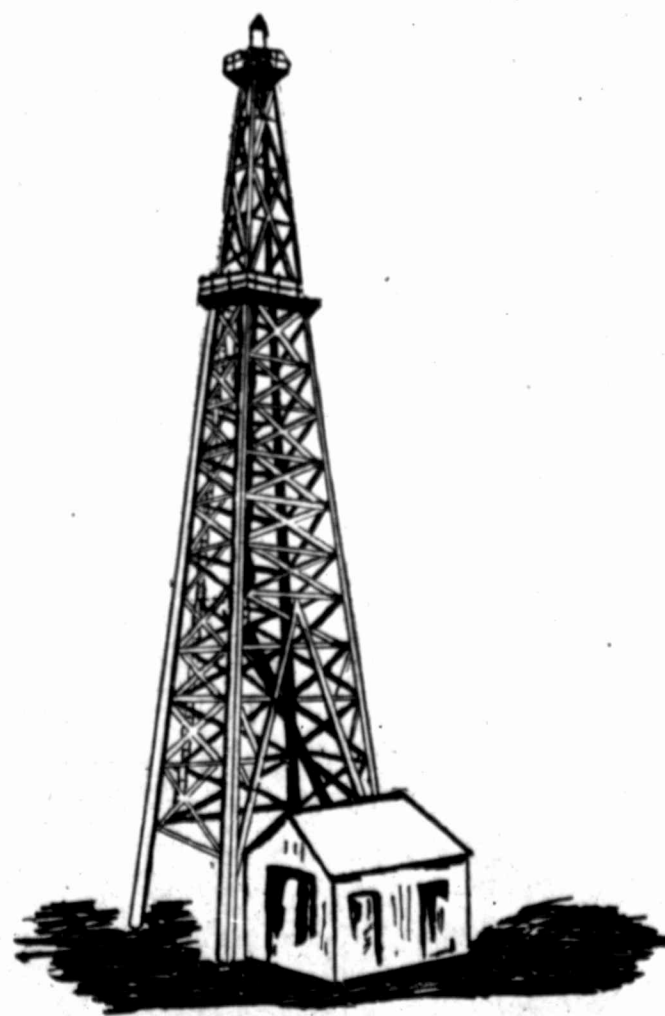
production from the 480-acre lease would have been down to 100 barrels of oil per day by now, had the water flooding not been instituted. That's quite a contrast to the present daily production of 1,275 to 1,275 barrels.

But the really significant thing about the whole operation is that the big increase in production is oil that Sunray probably never would have recovered under the old system.



Sunray Injection Plant

Big pumps inside this building force water into the Yates sand under Sunray's Roberts lease in the Howard-Glasscock Field. Water treatment and storage facilities also are visible.



Your Dodge dealer is happy to be offering automotive service in keeping with the outstanding progress made by the petroleum industry. We are proud to salute the area oilmen as they celebrate Oil Progress Week, October 14 to 20.

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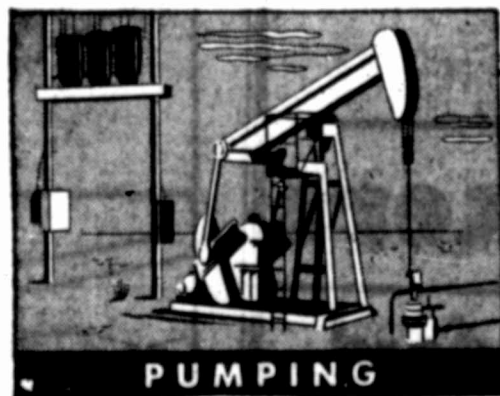
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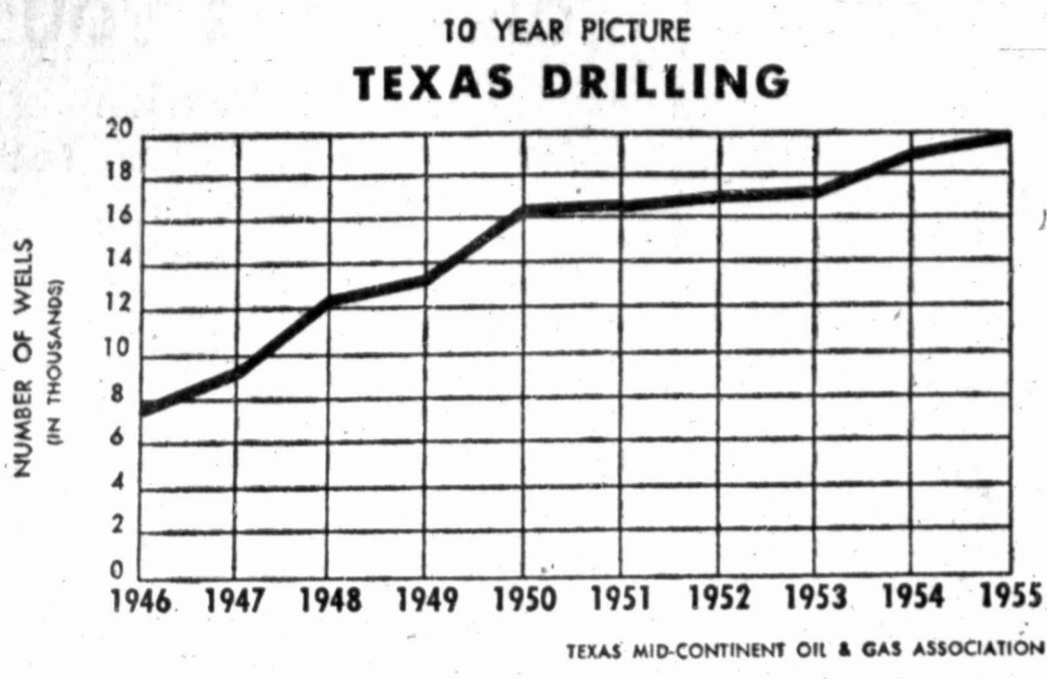
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**Quest For Oil**

Texas oil drillers punched nearly 20,000 holes in the search for oil in 1955, compared with 7,804 drilled in 1946, according to the Texas Mid-Continent Oil & Gas Association. The number drilled per year in the post-war decade increased 130 per cent and the footage drilled was estimated at 666,606,000 feet, the equivalent of 16 trips through the earth.

**Oil Exploration Money Would Go Long Way In Construction**

The \$1 billion spent yearly on oil well drilling in Texas would build forty 36-story office buildings and the \$359 million lost in dry holes would finance 22 luxurious 1,000 room hotels, the Texas Mid-Continent Oil & Gas Association says in a special Oil Progress Week report.

These figures on Texas oil search were taken from the new edition of the booklet, Texas Oil and Gas, published by the Association. "For comparative purposes we had in mind buildings such as the Republic National Bank of Dallas and the new Statler-Hilton Hotel," the association said.

In a review of drilling for the 10 years following World War II, the Association said Texas operators drilled 148,971 wells. The number drilled per year has increased 150 per cent — from 7,804 wells in 1946 to 19,981 wells in 1955.

Footage drilled during the period was estimated at 666,606,000 feet. This would amount to 126,250 miles, the equivalent of 16 trips through the earth.

The Association cited the Oil and Gas Journal's exploratory well figure for 1955 to show the characteristic high financial risk in the petroleum industry. Of the 5,124 wildcat wells drilled in Texas, 4,109, or 80 per cent, were dry holes; 883, or 17 per cent, found some oil; and 132, or 3 per cent, found some gas.

Although results varied by Railroad Commission districts, all districts still had a low percentage of wildcat discoveries.

Development well drilling, which probes the limits of existing fields, naturally has a higher success ratio. Four out of five development wells in Texas find oil.

There were 14,857 development wells drilled in Texas in 1955. Of these, 11,593, or 78 per cent, produced some oil; 471, or 3 per cent, were gas wells; and 2,793, or 19 per cent, were dry holes.

The oil operator faces even greater odds against finding a field of considerable size. Dr. F. H. Lahee of the American Association of Petroleum Geologists has estimated that over a six-year period only one "new field" wildcat out of every 42 drilled discovers a field with as much as a million barrels of recoverable oil.

Although one out of 12 "new field" wildcats may discover some producible oil, many of these discoveries are soon abandoned because they cannot pay production costs.

Despite these odds, the oil operator must continue to search for additional supplies of oil to meet growing demand, the Association said, in pointing out that even a million-barrel field would last the U. S. only four hours at present consumption rates.

Many oil men believe that some of Texas' largest fields will be found in the "tidalands" of the Gulf of Mexico although there has, so far, been little return on the millions of dollars invested in the Texas offshore search.

In 1955 operators drilled 27 wells in the Texas portion of the Gulf. Only 17 had been drilled in previous years. At mid-year 1956 there were nine oil wells and 16 shut-in gas wells in the Texas tidalands.

The costly offshore search has resulted in \$7 million for the Texas permanent school fund from drilling rights on 683,000 acres.

The oil search in Texas is a major part of the industry's operations and without it reserves and production would decline in a few years. At present 73 per cent of Texas production is from fields found 10 years ago, or longer.

According to Texas Oil and Gas, income from the sale of oil, which depends on price and the amount sold, is the major source of money for drilling. Without features of the federal income tax laws (such as the "depletion" provision) which encourage oil producers to reinvest their income in drilling ventures, the wide-scale oil search in Texas would be retarded drastically.

The thousands of Texas independents and small companies account for about eight out of every 10 wells drilled in Texas. Operators of all types operated an average of 1,382 drilling rigs in 1955, employing an average of 44,400 Texans in wages. These rigs accounted for 28 per cent of all rigs operating in the U. S.

By using a recently-completed drilling cost study for 1953 and applying the figures to 1955 cost-per-

**OIL EDITORS**

**Texas Has Some Smart Girls, Too**

Texas boasts about its beautiful women. Now it can crow over how intelligent some of them are. Take the three-Nancy Heard, Sue Hetherington, Bernice Webb — the oil industry has discovered. They are smarter around the oil patch than many men in their profession, oil editing.

Each is a full-fledged daily newspaper oil editor, Miss Heard for the San Antonio Express & News, Miss Hetherington, Beaumont Journal and Mrs. Webb, San Angelo Standard-Times.

The feminine trio is the only known dent in a solid male front of daily newspaper oil editors in Texas, although a number of

terly fascinated with oil wells and oil exploration."

High school days in St. Louis and learning how to write at the University of Missouri Journalism School can't compare with the charge Sue Hetherington gets from her oil writing job. And the generally held belief that all oil men are rough and tough doesn't fit Miss Hetherington's everyday experience with them. "I have never felt better protected," she said, "than when inspecting a blowout accompanied by oil men afraid I might get by typewriter-calloused fingers dirty or my face flushed from the heat."



**Feminine Oil Editors**

Webb follows in some illustrious male footsteps, those of the beloved, and now dead, John Brewer, then Jim Carl currently working in public relations for Lone Star Gas, Dallas. But she is doing a bang-up job. Her managing editor, Edwin D. Hunter, attests that when he says that Mrs. Webb "moved into our oil department to learn almost from scratch and immediately displayed what to me was an amazing aptitude for the job."

That was over three years ago, and she moved up to head the oil section last year.

A native of Russell, Tex., and

mother of 13-year-old son, John, Mrs. Webb brings to her work a gift for give-and-take which stands her in good stead in dealing with the oil fraternity. One of her best stories concerns a recent major company discovery registering 4.5 barrels per day. The potential seemed so small Mrs. Webb decided to call and ask if it really was for 45 barrels, not 4.5.

"Look, lady," the company man

said, "didn't you call it a discovery when we got oil on the first drillstem test?" She admitted as much. "That's fine," the oil man said, "we'll leave the pipe in the hole and ask for discovery allowable and new field designation. Lady, we'll never make a bar out of you."

And all of this is why intelligence now can join beauty when Texas boasts about its women.

**43 Pct. Of Oil Is From Texas**

Texas has a lot to brag about in the way of oil and gas production. The state produces about 43 per cent of the nation's crude oil—and about 18 per cent of the world's crude. In the same line, the state holds about 50 per cent of the nation's oil reserves.

In this reserve is about 17.9 billion barrels of oil—14.9 billion of which is crude and three billion barrels in liquids from natural gas.

During 1955, the state produced 1,058,720,000 barrels of crude oil, and the value from this crude ran something over \$3 billion. During the average year, Texas royalty owners receive about \$450,000,000 from crude production.

Over the vast areas of the state are about 170,000 oil wells in about 6,600 fields. These wells are scattered through 192 of the state's 254 counties.

**Texas Refines Bulk Of Its Oil**

Texas oil stays in Texas to be refined. A survey showed that seven out of every 10 barrels of crude oil produced in the state were refined here. And three out of 10 gallons of gasoline refined in the United States was refined in Texas.

The refining capacity of companies in the state is 2.4 million barrels of crude oil per day. This is about 28 per cent of the nation's capacity.

Since 1946, the survey showed that the Lone Star State has increased its potential refining capacity 60 per cent. During the past year, refineries in the state processed 784 million barrels of crude.

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- PROSPEROUS
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We are indeed happy to be a part of this industry that is so vital to our economy and national defense . . .

**G. H. HAYWARD**

Big Spring, Texas • 1st Nat'l Bank Bldg.

**Oil Progress Week—October 14-20**

Bravo!

**MR. OIL MAN**

We salute you, Mr. Oil Man! You've done your job well!

Through your faithful service as one of this community's independent businessmen, you prove to everyone that your progressive industry serves America well.

This kind of service to America can't be measured! Each year we see thousands of oil companies competing with one another to offer us improved gasolines to power our cars, and efficient fuels to heat our homes—besides hundreds of other new oil products that make living more comfortable. It's remarkable what competition and freedom of choice can accomplish!

So this week—Oil Progress Week—we say "thanks," Mr. Oil Man. And keep up the good work!

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October 14-20 In Big Spring

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BIG SPRING, TEXAS

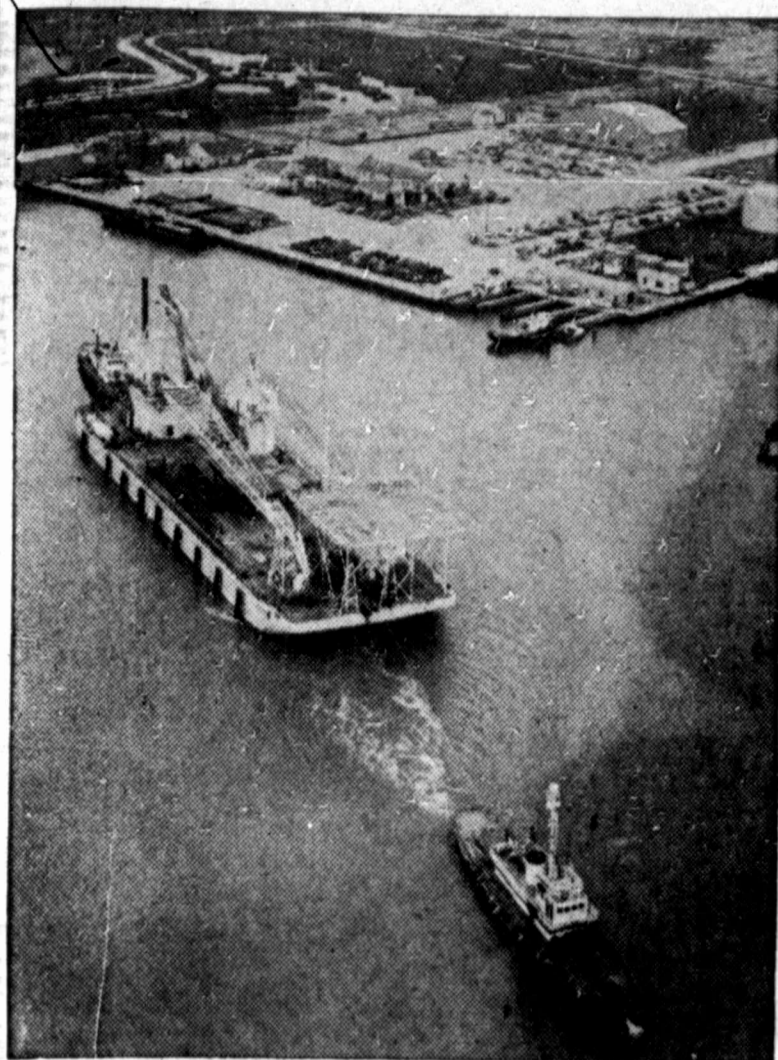
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### Giant Barge Shoves Off

Designed to speed the construction of offshore drilling platforms, saving work and money as well as time, is this giant drilling barge. It is shown steaming out of its berth at Grand Isle, La.

## Derrick Barge Eases Work Of Offshore Crews

Early this spring, Humble Oil & Refining Company's new construction barge — gargantuan in size and herculean in lifting power — started earning its keep in the company's marine operations off the coast of Louisiana at Grand Isle.

Designed by Humble's marine engineers to help speed up offshore construction projects, the giant barge was built in the Beaumont shipyards of Bethlehem Steel Company. In March, five months after the hull was launched, the vessel was completed and delivered, fully equipped and ready for work. It was towed immediately to Grand Isle, where it is being operated by a contract marine construction firm.

Although the barge is as long as a city block (it measures 300 by 90 feet), and contains many unusual features (such as rubber-foam mattresses and central air conditioning for the crew's quarter), its greatest distinction is in the size and capacities of its hoisting equipment. It is the first construction barge to be seen in offshore operations with two cranes mounted on its deck.

One is a steam-powered giant capable of lifting a dead weight of 250 tons. Its boom measures 220 feet from heel to top. In a vertical position, this boom would tower above the barge deck to about the height of a 20-story skyscraper. The other crane is smaller by comparison, but certainly not diminutive. It is electrically powered, has a lifting capacity of 45 tons, and a boom 115 feet long.

These two pieces of hoisting equipment give the barge a unique advantage over any other construction barge now operating in Gulf waters. It can save valuable time in building and dismantling offshore stationary drilling platforms.

For example, the customary procedure in platform construction has been to build it at the site. Templates for the piling are made up on land and are barged to the location. Each template is then set in place, piles are driven, and the space between templates is bridged and floored. It is a time-consuming and costly procedure, especially when rough weather interferes.

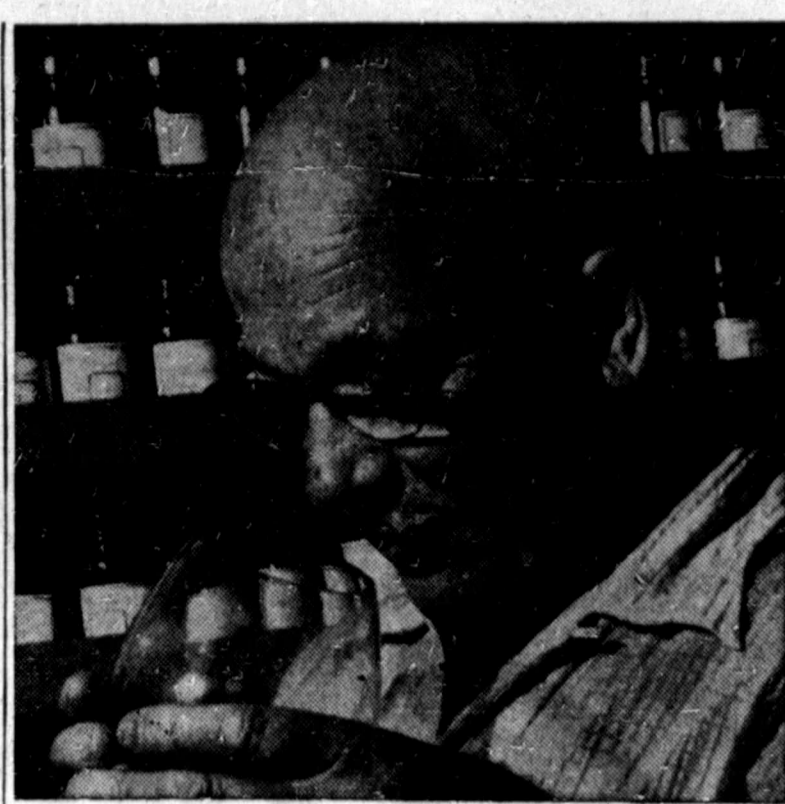
With the new barge, however, it will be possible to do more of the work on land and less at sea. The entire platform can be prefabricated in a few sections on shore. These large sections will be skidded onto a barge, and the big crane will set them off again at the offshore location.

Even the pile-driving will be faster, because the long arm of the crane will permit driving all the pilings for an 80 by 90-foot platform without changing the position of the barge. Also, the small crane can be picking up a new section of piling while the big crane is still driving other piles.

On the two occasions when the barge has been called on to make a big lift, it has done itself proud. The first occasion was early in June at a site at South Timballer, where a large "island" drilling platform was being erected. Using the barge, the construction crews were able to build the platform in five days. Ordinarily, it would have taken seven or eight days. The barge lifted 230 tons at one time on that job.

On Aug. 3, while working on a platform in the Caminada Pass area, the giant cranes of the derrick barge lifted a unitized deck weighing 192 tons. It saved four days of ocean work time over the use of prior conventional equipment.

Humble's marketing group is represented in West Texas by 377 retail outlets and 38 bulk stations. Humble Sales Department's Western Division office is located at Abilene. There are 141 sales employees in West Texas.



OIL SNIFFER TESTS A SAMPLE Petroleum products classified by smell.

### NOSE TEST

## Products Of Oil Classed By Smell

Ever try to describe an odor? Probably not. But, if you did, you would find there aren't many words in the average vocabulary that can describe a smell specifically.

That lack of odor vocabulary is a handicap to people whose jobs require a keen sense of smell and the ability to classify what they smell. Some people in the petroleum refining business, for example, daily face the problem of recording exactly what a certain shipment of products smells like.

Important buyers of petroleum products often set odor specifications for the products they buy. They will not buy a gasoline that has a strong, objectionable odor. To provide oil refiners and product buyers with a common language for discussing odors, research men are setting up special vocabularies to cover the subject.

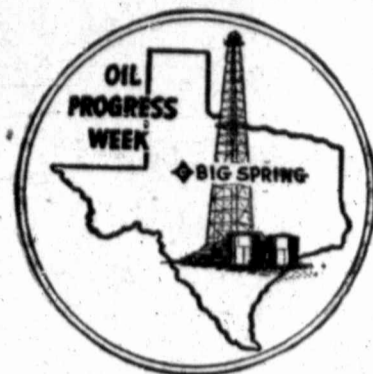
One group engaged in the vocabulary work is the "odor panel" at Humble Oil & Refining Company's Baytown refinery. The group sniffs samples of refinery products — gasoline, motor oil, solvents, additives, kerosene and heating oil — and tries to pinpoint descriptions of their fumes.

First the smells are classified as objectionable or non-objectionable. That part of the job is simple enough. The difficult part comes when the panel must place the odor in a definite sub-classification determined by the dominant smell found in the sample.

The Baytown panel had to adapt some adjectives to describe the odors they encountered. They did just what you would have to do in describing a smell, compare it with an odor already familiar to most people. In some samples of kerosene, for example, they detected the objectionable odor of rotten wood. It reminded them of the smell of a marsh, so they called it "marshy." In samples of heating oil, they found a pleasant aroma like that of a cedar pencil. They called that "cedar."

Other names like pinch gas, bur-lap, terry and varnish were added to the vocabulary. Some of them make little sense to the layman, but they are very helpful to an industry intent on improving its products even to the point of controlling the odors they emit. While the odor panel is busy classifying the smells, other refinery men are equally busy finding ways to get rid of the objectionable ones.

Search For Oil Costly Operation By the end of 1956, the petroleum industry of the United States will have disbursed around six billion dollars in capital expenditures. Of this total, approximately 4,200,000 dollars will have been invested in the search for, and production of, oil and natural gas.



## We Salute The People In Oil!

We appreciate your contribution to the growth and economy of Big Spring as well as our business. It is a real pleasure to salute you on Oil Progress Week . . . Thanks for everything

MAY WE CONTINUE THE PLEASURE OF SERVING YOU!

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## Firm's Exploration Staff Grows From Three To 251

Thirty-two years ago three men opened an oil exploration office in San Angelo. The sign on the office door read, "Humble Oil & Refining Company."

The trio — a scout, a landman and a geologist — represented a young, vigorous company that was venturing into the Permian Basin for the first time. Only three years before the first basin oil in commercial quantities had been found in the Westbrook Field in Mitchell County.

A year later, in 1925, Humble started limited drilling and producing operations in the McCasney Field. Humble Pipe Line Company completed the first major pipe line into the area in April of that year. The line connected the Big Lake Field with Humble's main North Texas-to-Webster line at Comyn.

In the years between 1924 and 1926, Humble operations in the Permian Basin have grown considerably.

Where three employees once manned the West Texas exploration office, there are today 251 persons working out of the headquarters, now in Midland. The area covered by that office has increased until now the Midland staff is responsible for exploration activities in an area comprising some 297,000 square miles in West Texas, New Mexico and Arizona. An office in Roswell, N. M., organized in 1952, shares some of this responsibility with the Midland group.

Humble is operating five seismograph crews and two gravity meter crews in the Basin at this time. Company geologists, viewing the past and present records of the oil industry, point out that the future of the area appears extremely bright. An ever increasing wealth of subsurface data available for study by geologists and petroleum engineers, plus continually improved techniques in the use of the seismograph, will undoubtedly point the way to many new fields, they believe. New fields will be found in areas already thought to be developed, as well as in frontier provinces which appear geologically favorable, but which have little or no production or activity at present.

Deeper drilling in old fields, lateral extensions to old fields, new well stimulation and completion practices, and properly handled pressure maintenance and secondary recovery projects should all add to a vigorous, bright and satisfying future for the Basin, geologists predict.

An indication of the success of Humble's oil hunters so far can be found in a report of the drilling and production activities of the company in this area. During 1955, Humble drilled 205 wells in the Basin, 195 of them producers and 10 dry holes. Through July of 1956, the company drilled 137 more producing wells and six dry holes.

Humble's total crude oil production in the Basin during 1955 was 17,169,456 barrels. Through June of this year, it produced another 10,384,173 barrels of crude.

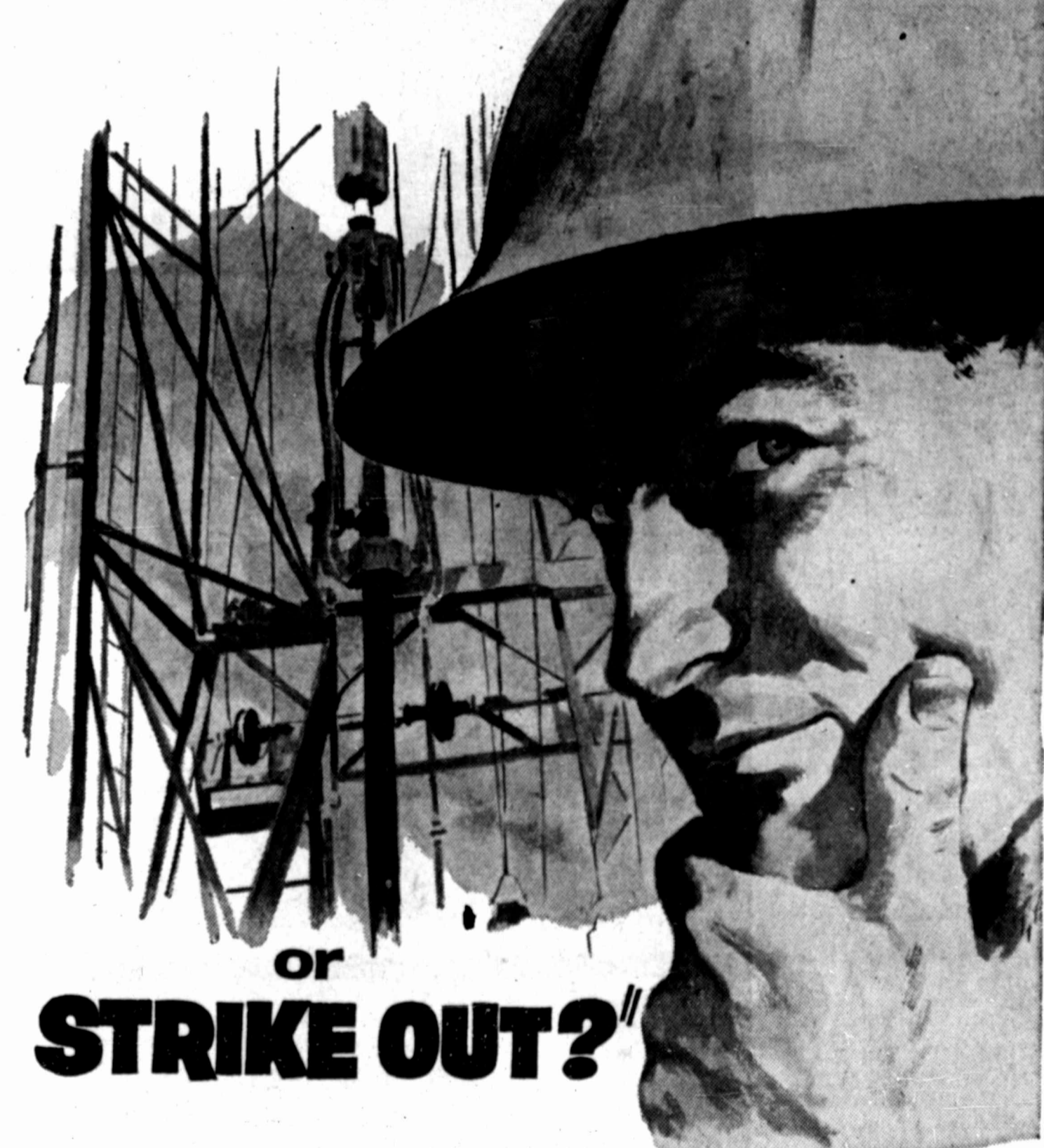
Five company rigs and 19 contract rigs are busy drilling Humble wells in the basin at the present time. Some 787 Humble Production Department employees are working in the area.

For its job of moving West Texas crude oil to refineries, Humble Pipe Line Company maintains a total of 1,887 miles of lines in the Basin — 1,047 miles of gathering lines and 840 miles of trunk lines. The company has 361 employees in the area.

During 1955 and 1956, Humble replaced some 40 miles of six-inch pipe in the Ector County area with eight and ten-inch lines. Increased production in the Ector County area made the replacement and revision of the system necessary. A major extension to the Kemper-Satsuma system of 94 miles of 18-inch line between Kemper and Ector via Crane Station has also been authorized. The survey of the proposed route and purchase of right-of-way is in progress, and actual construction is tentatively scheduled to start during the latter part of this year.

Humble's marketing group is represented in West Texas by 377 retail outlets and 38 bulk stations. Humble Sales Department's Western Division office is located at Abilene. There are 141 sales employees in West Texas.

## "Will we STRIKE OIL-



## or STRIKE OUT?"

That's the question an oil company—like ours—asks itself every time it drills into the earth. And the odds are 8 to 1 we'll strike out! But when we do strike oil it's good news for us—and for you. It means you are assured of continuing supplies of fuel oil for heating your home, gasoline and lubricants for your car. It also means more petroleum to make the thousands of oil-based items that today help make your life more comfortable and enjoyable. Exploring and producing is the part we play in America's progressive oil industry. Like thousands of other independent companies—large and small—we compete to supply you with the oil products you need.

## WILBANKS & RUTTER DRILLING CONTRACTORS

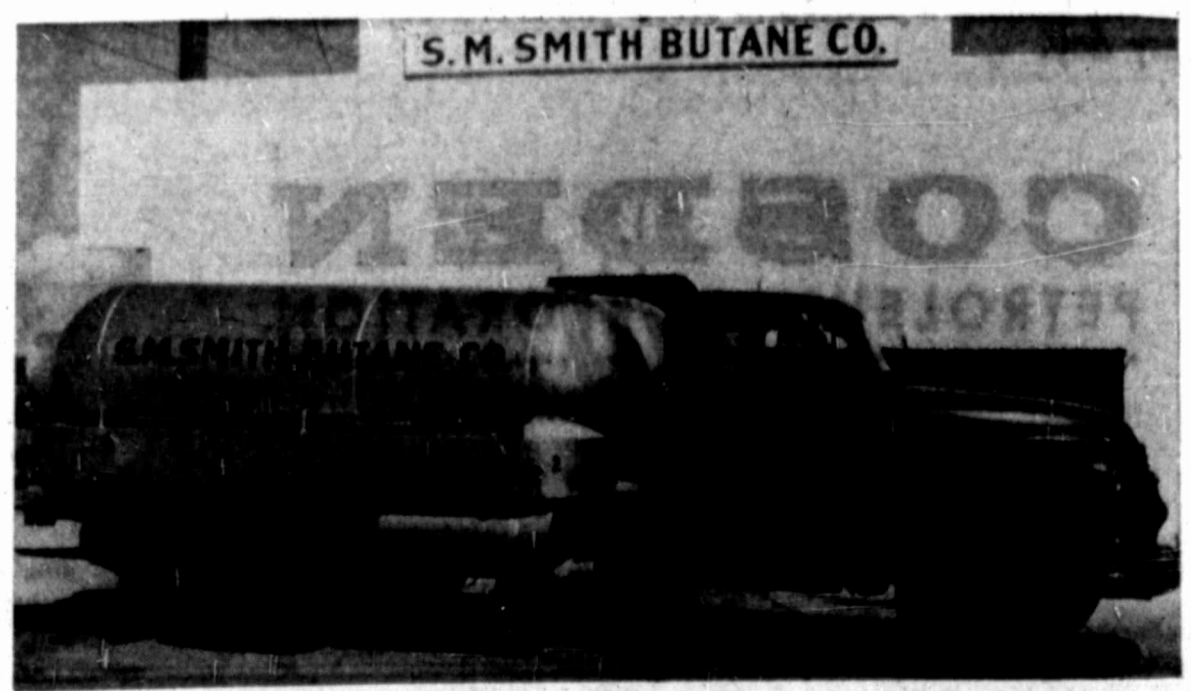
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Oil Progress Week — October 14<sup>th</sup>—20<sup>th</sup>

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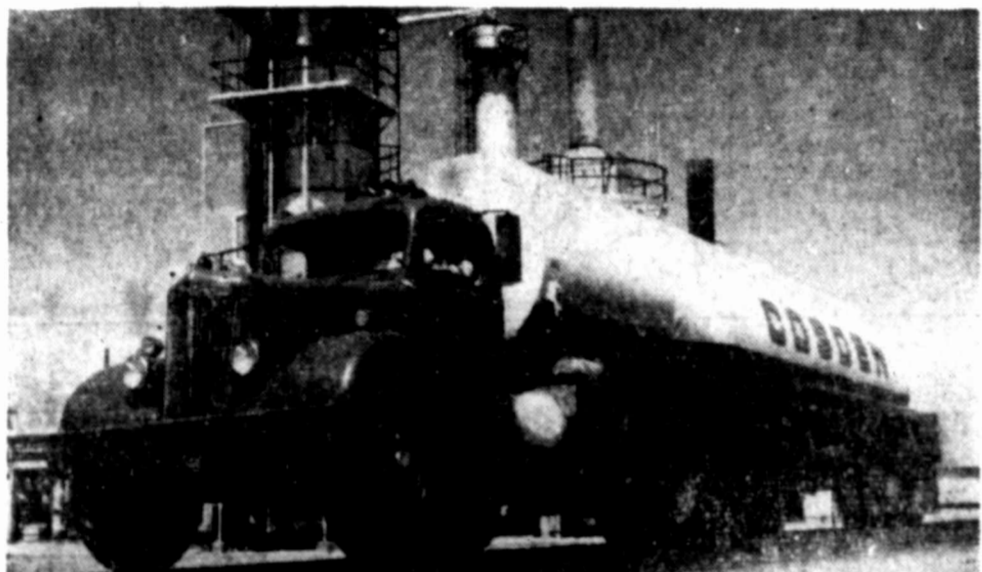
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**A MODERN-DAY GENIE** in a world accustomed to marvels... that's oil. An enchanted giant who would inspire Aladdin with awe. He lives to serve you, every minute of every day. Just make a wish; we'll see what can happen.

But first, there must be a lamp... and there is — a giant thing of shining steel, towering above the Texas plain near Big Spring. Call it what you will — a magical lamp, or a modern plant, or the Cosden refinery; whatever you name it, it grants your wishes through the genie, Oil.

**WHAT MIRACLE DOES THIS GENIE PERFORM?** Let's touch the Cosden lamp and see; He starts a million engines... and mystically protects them from wear. He weaves you fine garments of oil-based nylon. He protects you with a treasure in modern drugs. The asphalt streets, the tires on your car, the paint on your door and tile on the floor; he's responsible for these. And that's only a hair of his beard, for there are literally thousands more... like anesthetics, cleaning fluids, insecticides, herbicides, a multitude of plastics, and even the ink on the print you are reading.

Your Uncle Sam knows the power of this genie, and he calls on Cosden for the fuel to hurl his streaking jets through silent depths of sky in a constant vigil over you.

**SO WHEN YOU CALL FOR A MIRACLE FROM OIL,** your only limit is man's imagination. Every day, new wonders are born of the modern genie, and Cosden is proud of its share in this giant called Oil. Cosden refines it, from the heaviest asphalts to lubricants so light they're little more than a vapor to be used in the finest precision instruments.

**AS MARKETERS, COSDEN** offers the finest of products, all made right here in the Southwest to meet Southwest driving conditions... Cosden Higher Octane and Cosden Premium Gasolines, Cosden 10w30 and Cosden Heavy Duty Motor Oils... Look for the finest products for all your automotive needs at the friendly Cosden dealer near you. He and the modern genie are pleased to serve you... every minute of every day.

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Big Spring, Texas

PRODUCERS • REFINERS • MARKETERS

Oil Progress Week Oct. 14-20

## OPEN HOUSE AT COSDEN

In connection with Oil Progress Week, Cosden will conduct two tours of the refinery Saturday, October 20, 10 a.m. and 2 p.m. Tours start at main gate. You're invited!

