

201 attend senior center opening Sunday

By Pam Armstrong

"I can't believe it is finished and we are debt free. 'It all came together so fast. 'It is one of the nicest things to happen for our senior citizens in a long time and 'Our dream has finally become a reality.'"

These were just a few of the statements made by various local residents and members of the newly dedicated Lockney Senior Citizens Center during the official open house and dedication ceremonies on Sunday, Oct. 11.

More than 200 people were on hand for the ceremonies which marks the official opening of the completed center.

FROM DREAM TO REALITY

On January 15, 1987, W.L. Carthel and Earl Minter stopped by The Beacon office for a lengthy visit with editor Jim

Reynolds to discuss the possibility of organizing a senior group for this community. After their discussion, plans were made for the first organizational meeting on January 29 and from there, what was an interested group of about 40 people has grown to a membership of 188 senior citizens.

From that first meeting, when financial donations first began coming in and when the first appointed board members were selected, to March when the old Lena Fay building was purchased, through the present, when the building is open and ready for use, this has truly been a community project.

OPEN HOUSE CEREMONIES

The open house ceremonies began with a flag raising by a color guard made up of members from the Lockney V.F.W. post. These men included

Dowell Brewer, O.C. Allison, Arvie Newton, W.E. (Bill) Thomas, John Mercer, Leon Prescott and C.L. Henderson, who raised the flag over the building.

Playing the National Anthem through the flag raising were Jessica Lemons and Michael Gatica of the Lockney High School Longhorns marching band.

Mayor Dan Smith was called on to cut the ribbon, officially opening the building. Smith said, "This is a great day for the Lockney Senior Citizens. They now have this building, which they have worked on themselves, which will be a source of enjoyment for them and the senior citizens of the future. I know that I speak for the entire community when I say congratulations on the building and best wishes for the future."

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GIANT APPLE—Coy Davis, son of Tommy and Freda Davis of Lockney, holds the tape measure around his father's pride and joy, a 17 inch apple, grown in the Davis backyard. The apple was grown on a dwarf apple tree that the Davises ordered. Mrs. Davis told the Beacon that the ad for the tree

said that it would produce 12 to 15 inch apples and that one apple from the tree would make a pie. Freda told us that this is the biggest apple they have harvested from the tree to date, though they have had several that measured up to 15 inches. —Staff photo

City council approves raising of maximum fines and dismissal fees

Members of the Lockney City Council approved raising the maximum fines and several violations from the present \$200 to \$2000 during their regular monthly meeting on October 8.

Among those fines, in which the maximum financial penalty were increased are fines for violations of the zoning ordinances, those which affect public health and sanitation, and dumping of refuse.

Examples of these would include dumping of trash on the streets or places where it would affect public health, not burning trash contained

within trash barrels, allowing weeds or trash to accumulate of property where it could cause public safety of health hazards, and violations of the junk car ordinance.

Fees which were increased to a maximum of \$500 by the ordinance include violators of the loose dog laws, dogs with no current tags, violators of the livestock ordinance, and off-road vehicles used on city streets.

These fees were increased, effective September 1, by Senate bill #920.

Another ordinance approved by council members affects fees which may be charged to persons in cases which are dismissed.

An instance of this fee would be if a driver received a citation for driving with no insurance, and later showed proof of insurance. The \$10 fee would be used to defray administrative costs, even though the driver may have insurance. There are still several items of paper work that a municipal judge must complete with each citation issued.

In other action the council approved appointing Eddie Teeter as the city's representative on the Floyd County Central Appraisal District Board of Directors.

They also approved sales permits for Leland Bouldin and Barney King, sales representatives for Rainbow Rexair, a vacuum cleaner company in Lubbock. Their permits are good through December 1, 1987.

Also discussed at the meeting were the homes which are being demolished as per the city building code. L.V. Harris met with the council to inform them that he is in the process of removing the old Carrie Wiley home. Work on the other house is progressing, with the exception of the Doyle Poole, Jr. House. A public hearing on this house will be held on November 5.

Present for the council meeting were Mayor Dan Smith; Aldermen Jerry

Johnson, J.D. Copeland, Gary Marr, Kenneth Wofford; City Attorney Paul Lyle; City Secretary Erma Lee Duckworth; and Water Superintendent Dickie McCarty.

Lockney this week . . .

SCHOOL ATTENDANCE

The month of October is attendance month in the State of Texas. It is during this month that the average daily attendance is recorded for each and every school system in the state. It is the ADA which determines how much in state financing each school system will receive the next year. For that reason, it is most important that every student enrolled in the Lockney school system, from kindergarten through 12th grade be at school every day possible this month.

HALLOWEEN CARNIVAL

The Lockney P.T.A. is sponsoring a Halloween Carnival on October 31 in the Lockney Elementary School cafeteria. Several booths are for rent at the carnival for a nominal fee. If you or your organization would like to rent a booth for the event please call Reeda Cay Smith at 652-2338 by October 23.

QUARTERBACK CLUB MEETS EACH MONDAY

Films of the previous week's game and comments by coaches provide the program for Lockney Booster Club meetings, held each Monday at 7:30 p.m. in the elementary school cafeteria.

Battle of Horns Friday

Lockney travels to Hart for district match

Longhorns will have fire in their eyes Friday night when they take the field against Hart, which last year knocked them out of the playoffs. Kickoff is scheduled for 7:30 p.m. on the Hart field.

Coach Jim Clark's crew will be striving to stay alive in the district race following a 28-8 setback at the hands of Springlake-Earth last week. The Longhorns outscored the Wolverines by almost a 2-1 margin, but the visitors had a lethal air attack.

Lockney's squad is healthy and ready for its annual battle of the Longhorns. Hart has the same mascot as the local lads.

The Fighting Longhorns have only two road games remaining during the regular season: Hart and Olton on Oct.

30. They host Hale Center on Oct. 23 and Abernathy on Nov. 6.

For Hart, the Friday night game is also vital. The team, which was downed 29-8 by Abernathy last week, realizes

that another setback would likely spoil its chances for a repeat playoff berth.

Abernathy, Olton and Springlake-Earth own 1-0 records in district action, while Lockney, Hale Center and Hart stand 0-1.

It's CLOSE for tickets . . .

Dale Jahay of Floydada took first place in the football contest with the only entry that had two missed answers. He will receive the first place check of \$10.

Tying for second and third place this week were Steve Stansell and Cindy Means. Both had three wrong answers on their contests and both had Lockney

to win and a tie breaker score of 32. They will split the second and third place money and receive \$5.00 each.

Also missing three this week was Karla Josey, however her tie breaker score was six points from the actual score so she will get an honorable mention this week.

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New cardiocograph at Lockney hospital step forward in obstetrics

While describing attributes of the cardiocograph (fetal monitor) at Lockney General Hospital-Cogdell Clinic,

Kathi Hubbard RN explains a recent instance in which the attending physician "realized the fetus was in stress" as a result of the monitor.

She continues that "within 30 minutes, a C-section (cesarean delivery) had been performed and we had a healthy baby. It could have been quite different" had the fetal monitor not warned the doctor of the situation.

"That one life makes it (machine's purchase) worthwhile," Ms. Hubbard says.

Cost of the Hewlett Packard model 803 OOA was \$12,213.

The device has been in operation since August and "We have used it several times. In fact, it's rare" when the instrument isn't used on expectant mothers and their unborn children.

The cardiocograph model which has been secured by the local medical facility is designed for both internal and external use.

One of its prime purposes is to monitor a mother's contraction intensity. Through abdominal ECG monitoring, both the fetal and maternal heart rates can be monitored simultaneously.

Nurse Hubbard points out that monitoring contraction intensity of the mother is "much more accurate" with this new equipment.

Although twins are a rarity, the single unit can monitor both.

In the event of prolonged labor or anticipated problems, doctors have this instrument at hand for immediate monitoring.

During a single pregnancy, the cardiocograph may be used on both the mother and her unborn child more than one time.

Through "hard copy" or a graph-like reading produced by the wide-beam ultrasound transducer, medical personnel are supplied with "a pattern to show the fetus' condition." The accurate assessment of variability can continue until birth if deemed necessary.

Should fetal stress be indicated, as with the abovementioned case, a C-section can be performed immediately.

Fetal heart rate traces obtained with the new ultrasound transducer are clinically identical to those of a direct ECG.

With the number of deliveries "increasing a lot," the cardiocograph is yet another valuable tool in modern obstetrics offered at the local medical facility.

4-H PECAN SALES

Floyd County 4-Hers are selling pecans again this year. These will be new crop pecans from Irish Acres, which sell for \$4 per pound. The 4-Hers will be selling pecans Nov. 7-14 in both Lockney and Floydada. This is a selling contest with prizes for the top salesperson. Money derived from the pecan sales will go to support 4-H projects and activities. Individuals may place an order at any time by contacting a 4-H member.



FETAL HEART MONITOR—Dr. W.J. Mangold [left] and nurses Marty Smith [middle] and Kathi Hubbard hook up an expectant mother to demonstrate the machine used during labor to monitor the baby's and patient's heartbeat and the rate of contractions. — Staff photo



ONE FIESTY BUNCH

On a personal note, our hearty congratulations go to Lockney Senior Citizens, individually and collectively, on completion of the new center.

Organization of this group, which includes many, many fine folks, is a tremendous plus for Lockney.

We admire the zeal with which these folks have renovated their center, held more fund-raisers than one can count with fingers on both hands and moved forward.

JUST PASSING BY

To their surprise, several bank employees spotted a green bird flying by Thursday morning. They were unable to capture it.

A short time later, Lennie Gilroy caught the bird in front of the law enforcement office, immediately south of the bank.

JP Mike Mooney observed that it was "a little large for a parakeet." The bird was, in fact, a "small parrot."

The bird, owned by Scott Stansell, went home a short time later.

SCAB FOOTBALL A-OK

How do I like "scab" football as opposed to the "real" teams?"

I like the scabs. They definitely are not as talented as the NFL mainline players but they do have spunk and enthusiasm, unlike most of the regulars, who maintain a "Ho hum, another day at the office" attitude.

The subs, who played while the union players were on "strike," were grateful for an opportunity to play professional football. NFL veterans are, by and large, more interested in the \$\$\$.

We'd just as soon scab football stay with us all season.

Meanwhile, the superstars and their agents are about to kill the game. Twenty-six bucks admission to a Miami Dolphins game — and about \$25 to see the Cowboys play in person — and too stiff for the average fan to attend on a regular basis. All this bunk about the players being concerned about their fans is so much garbage.

A FEW THOUGHTS

FINALLY: Ol Whistle Britches on his Shinnery Ridge Ranch at Rough Creek gives us a few thoughts.

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201 attend senior center opening Sunday

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Senior Citizens president O.C. Allison worded the welcome, following the invocation given by Robert Kirk, pastor of the First United Methodist Church of Lockney.

Allison said, "We are pleased with the efforts of all who helped with making this building a reality for us. This is the greatest community in the area and they really came through for us. We extend a warm welcome to all who have come to help us celebrate the opening of this facility."

R.C. Mitchell, serving as the master of ceremonies, gave a brief history of the organization and commented, "There was much blood, sweat, and tears that made this building a reality. People in this community have been known to come through when their help is needed and this is the case here."

From that first meeting on January 29, when about 40 were in attendance, a board of directors was selected. These included President O.C. Allison; vice president Laverne Carthel, who has since resigned and been replaced by Harmon Handley; secretary Virginia Sissney; treasurer Hazel Johnson; and other board members C.L. Henderson, Willis Reynolds, Claude Brown, Helen Hodel, Ray Sissney, Velma Harrison and Edna Workman.

Also during that first meeting, monetary donations began coming in. "Those who couldn't give large amounts of money were not excluded in that they have given generously of their time to make this center a reality. It took men and women and countless hours to make it happen," commented Mitchell.

Former Judge Robert Work of Crosbyton and Tom Bryan, a lawyer also

from Crosbyton, were among those Mitchell especially thanked. "Judge Work came to our first meeting and gave us several ideas on how to start the organization and he told us several people to contact regarding various aspects of beginning the center: Tom donated his time and helped us get the charter information into the state. Special thanks also go to Medlin Carpenter of Plainview for helping us get in touch with SPAG (South Plains Association of Governments)."

Mitchell also informed those gathered for the dedication that more than \$42,000 in donations have been received. "This is truly a great community and they have supported this project with tremendous enthusiasm and have made this building possible."

Foster Whaley, state representative of the 84th district, which includes Lockney, was called on to officially dedicate the new facilities.

Whaley commented, "Congratulations on your fine facilities. It is a very new building and you senior citizens have done this with your own hands and it is something for you to truly be proud of. I read in your paper that several people have said that this is the best thing to happen to Lockney in many years and I can see where that comment came from."

With that in mind and with the permission of the board I would like to make the dedication of the Lockney Senior Citizens Center official and I wish the present senior citizens and those to come in the future many happy years in this building."

Whaley also informed the group that "My wife Lois and I are on our way back to Austin and I will be flying a flag over the capital building on October 16 and it will be sent to you from Lois and I. The flag will be accompanied by a certificate signed by the speaker of the house and we hope you will enjoy this present from us to you."

During the event, Mitchell also recognized members of several neighboring senior citizens groups who were invited to the dedication. Representatives came from Silverton, Post, Olton, Abernathy and Plainview.

Mitchell then invited those present to enjoy the refreshments provided by members of the Lockney organization, with the closing comment, "We appreciate

all of those who have come to help us celebrate the opening of this building. Let's enjoy the food, and visit and get to know one another because that's what this organization is all about."

REFRESHMENTS AND TABLE DECORATIONS

Those attending the festivities were treated to a wide variety of delicious foods which were served from beautifully decorated tables. The table decorations were attributed to Kathryn Cooper. Several of the female members of the organization commented on Cooper's hard work on the tables.

Decorating the tables were lace cloths

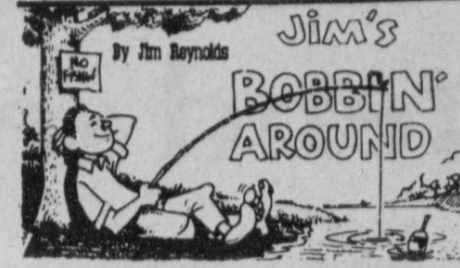
over yellow and yellow flowers adorned the tables. Among the most unique decorations made by Cooper were a beautiful swan, made from a red apple, and a bouquet of yellow roses. The roses were carved from raw turnips and dyed yellow for the occasion.

Among the foods served were ham and cheese toothpicks, fruit and cheese toothpicks, a cheese ball and crackers, stuffed salami slices, thin sandwiches, a variety of fruits, and "one of the biggest selections of cookies to be found in one place ever in Lockney." These were accompanied by coffee and a delicious punch, made by Cornelia Johnson and

Linnie Abbott, which was served from a decorated fountain.

(EDITOR'S NOTE: We at the Beacon have been very happy to play a small part in the organization of the Lockney Senior Citizens Center. We are amazed, like everyone else, that the center has gone from a dream of just a few to a

reality with 188 members. The cooperation of the many people involved and the support of the community for this project are just wonderful and we are pleased that the senior citizens of Lockney now have a gathering place they can call their own. We hope it will bring them many years of enjoyment and our best wishes are with them.)



Continued from Page One

Exercise—About the only exercise some young fellows get is running out of money and after women.

Statistics—Statistics show that in 1940 each car on the road had an average of 2.2 persons; in 1950 it was 1.4 at that rate by 1988 every third car on the road in Fisher County will be empty.

Divorce—The most terrible thing about divorce is that somewhere, maybe miles apart, two mothers are nodding their heads and saying, "See, I told you so."

Money—Separation of church and state could hardly be more complete. The church teaches that money isn't everything, and the government keeps telling us it is.

Anger—When angry count to ten before speaking. When very angry count to one hundred and then don't speak.

Gambling—People who can afford to gamble don't need money, and those who need money can't afford to gamble.

—Kim Pease, Rotan Advance

PAYING FOR PRIVILEGE

Talking about money, businesses are receiving a notice from our State Comptroller's office telling us that, in order for us to collect sales tax for the state and city and the county, we have to pay \$25 for the right to do so.

Now wait a minute...We have to pay the state so we can collect taxes for the state—that just doesn't make sense. I would bet that there are a bunch of employers that would be real pleased if

their employees were to pay for the privilege for working.

Any politician that can sell that kind of deal to a state legislature, much less the voters, is in the wrong business. He should be selling bridges out in the desert or snow cones in the Arctic, or fireplace inserts and wood stoves in that real hot place we don't want to go.

Why that guy might even make a fortune giving free gifts to folks for a lot of money with strings attached.

—Kerry Craig, Winters Enterprise

TOWNS ARE LOOKING

More than a few South Plains cities and towns are seeking added payrolls through light industry.

Reportedly, Paducah attracted over 100 citizens to a town hall meeting to exchange ideas for new industry. Ex-students and other former residents are being contacted for ideas.

Tulia is checking into the feasibility of a pepper processing plant.

Floydada, Childress, Snyder and others are making an all-out effort to become the home of a state minimum security prison.

The ideas are as varied as the communities. Virtually every town is attempting to attract added payrolls, realizing that agriculture continues to be the number one revenue source but that it alone can no longer sustain the economy of towns at their desired level.

HORSE RACING ON SWISHER BALLOT

Swisher County commissioners court is placing the parimutuel horse racing wagering question on the Nov. 2 ballot. This means that Swisher voters will have a chance to vote "yes" or "no" on horse racing for their county as well as voting on the issue at the state level.

The horse racing issues would have to be favored on a statewide basis on Nov. 2 to be implemented. Then each county could vote whether to have parimutuel within its county's boundaries.



RIBBON CUTTING—Mayor Dan Smith cuts the ribbon before the ceremony moves inside. —Staff photo



VETERANS SALUTE—Veterans salute as the flag is raised by C.L. Henderson. —Staff photo

Lockney Beacon
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VISITATION—Guests and members attending the Lockney Senior Citizens open house Sunday visit and sample refreshments. —Staff photo



PRESIDENT'S WELCOME—The new center was filled as O.D. Allison, president of the organization, extends the welcome. Standing near Allison is R.C. Mitchell, who emceed the program. —Staff photo



OFFICIAL DEDICATION — State Representative Foster Whaley of Pampa officially dedicates the Lockney Senior Citizens Center during Sunday's ceremony. — Staff photo

TEXAS FLAG PRESENTED—Lois Whaley unfolds a Texas flag which her husband, State Representative Foster Whaley, says will fly over the Texas Capitol later this month and will be returned to Lockney Senior Citizens. The flag will be a gift from the Whaleys. —Staff photo

*Congratulations...
Senior Citizens*



VIEWING NEW CENTER—A portion of the 201 persons who registered Sunday at the grand opening of Lockney Senior Citizens Center are pictured. —Staff photo



OLD GLORY BEING RAISED—As veterans [left] salute, C.L. Henderson raised Old Glory. A portion of the gathering is visible. —Staff photo



ONLOOKERS—Dozens of persons watch the flag-raising ceremony. —Staff photo



SWAN—A decorative swan, designed by Mrs. Ross Cooper from an apple, graces a fruit and vegetable plate. —Staff photo

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104-06 North Main Lockney, Texas

Harvest-aid chemicals can prepare crop for harvest

By James R. Supak
Extension Agronomist-Cotton

Timely harvest to preserve lint yield and quality is an important aspect of profitable cotton production. This year, much of the April-May planted cotton and possibly some June planted fields on the Texas High Plains may warrant termination with harvest-aid chemicals.

Because of the indeterminate growth habit of cotton, timing crop termination is one of the most difficult decisions confronting producers. It usually involves a compromise between halting further top boll maturation and minimizing bottom (open) boll deterioration.

Premature crop termination by weather or harvest-aid chemicals can lower yields and quality. On the other hand, delays in harvest once cotton is ready may result in economic losses on the order of four to five dollars per bale per week.

The key to making sound decisions about chemically terminating a cotton crop is a sound estimate of crop maturity. The most visible indicator of maturity is boll opening.

The Texas Agriculture Extension Service recommends that the use of defoliant be delayed until 60 percent or more of the bolls are open, and the remaining, harvestable bolls are mature. The use of desiccants should be delayed until 80 percent or more of the bolls are open and the remaining harvestable bolls are too hard to be dented by pressing with the thumb and forefinger or to be easily sliced with a sharp knife.

These are sound recommendations, but often tend to be conservative for the Texas High Plains where cool night temperatures and other factors may delay natural opening of mature bolls.

A better way to assess maturity is by careful field inspection. At random spots in the field, pull up at least five normally fruited plants. Slice through the unopen bolls with a sharp knife and examine the seed coats and seed embryos. The boll is essentially mature if the embryo has solidified and has a normal bright yellow color and if the seed coat is already dark brown or black in color.

If harvestable bolls do not meet these criteria, it is too early to apply harvest-aid chemicals.

On the other hand, be realistic about what is considered to be a harvestable boll. Remember that the early set bolls will be the most mature and of the best quality. Once open, the fiber in these bolls begins to gradually lose weight, discolor and trap various contaminants (plant debris, soil particles, etc.). Consequently, weathering losses may more than offset any yield gains provided by the later set bolls.

Once mature, harvest-aid chemicals may be used to prepare the crop for timely harvest. These chemicals fall into three groups: growth regulators, defoliants and desiccants.

Prep is a growth regulator and is used to hasten boll opening. In addition to forcing bolls to open, Prep will induce shedding of immature fruit and some defoliation. Once Prep is applied, further fiber development is halted; consequently, this chemical should not be used until all harvestable bolls are mature.

Prep activity in the plant is highly temperature dependent. For best results, warm, open conditions are needed for five or more days following treatment. About a pound of Prep per acre is required for boll opening; higher rates may be needed to compensate for cooler temperatures. Prep treatments must be followed up with desiccants or a hard freeze to condition the crop for stripper harvest.

Defoliants are chemicals that cause abscission and shedding of leaves. Typically, defoliants do not kill the plant but effectively stop further plant, fiber and seed development. The use of defoliants may be economically warranted in fields where rank growth and dense foliage are likely to contribute to significant grade reductions if the leaves are not removed prior to desiccation and harvest.

Where cotton is stripper harvested, desiccants are needed to kill plant tissues and cause rapid drying of leaves and stems. Normally, it takes 7 to 10 days after desiccation (or a killing freeze) to dry plant components and condition the crop for harvest. Arsenic acid and paraquat (sold under the tradenames of Cyclone and Gramoxone Plus) are both effective desiccants. Arsenic acid may be more effective in fields where regrowth is a problem.

The use of desiccants a week or so before an expected killing freeze may be justified in that the treatment will hasten the boll opening-plant drying processes and allow harvest to begin earlier.

Cotton producers applying harvest-aid chemicals often encounter situations in which results range from good to very poor. Usually these differences can be traced to weather and plant conditions during and following treatment.

Good results are most likely when fields are treated under the following conditions: weather is warm, calm and sunny; soil moisture is low but adequate to maintain plants in a non-stressed

condition; soil nitrogen is nearly depleted as cotton matures; leaves are active and uniformly expanded on the plant; little or no vegetative or secondary growth is evident; some mature leaves are shedding and a high percentage of bolls are open.

Conversely, poor results with harvest-aid chemicals are attributed to just the opposite conditions.

Good harvest-aid management should include treating only sufficient acreage to stay ahead of harvesting operations. Before treating, it is wise to

check weather forecasts to avoid as much unfavorable weather as possible. After applying a desiccant, a 7 to 14 day "curing out" period is required to condition the crop for stripper harvest.

Barky cotton can result from either stripping too early after treatment or

delaying the stripping operation too long after desiccation. Seed cotton and all plant parts should be dry before stripping. Plants ready for harvest will have cotton that fluffs well and plant parts that are crisp and brittle.

Producers should remember that the

maturity of cotton cannot be hastened through the use of harvest-aid chemicals. Only time and favorable weather will mature cotton. However, harvest-aid chemicals will promote more rapid opening of mature bolls and prepare the crop for timely harvesting.

Crop production estimates impact on Texas

Projections of 1987 U.S. crop production have changed as a result of the U.S. Department of Agriculture's latest estimates.

Production estimates for corn, sorghum, soybeans, wheat, cotton and rice for 1987 were all reduced from expectations a month earlier, says Dr. Edward

G. Smith, economist-marketing and policy with the Texas Agricultural Extension Service.

USDA's 7.14 billion bushel 1987 corn production estimate was below the range expected by analysts, as was the 1.96 billion bushel 1987 soybean production projection, Smith says.

"The result should be reflected in some firming of the grain price complex; however, any substantial price enhancement is tempered by the overall supply/demand position of the feed grains," he says.

Even with an expected 14 percent decline in feed grain production from 1986 and an expected 2 percent increase in use, the unsold stocks are expected to remain at levels representing about 7 months of demand, he notes.

"Texas is projected to produce 140 million bushels of corn and 157 million bushels of sorghum in 1987," Smith says.

The 1987 cotton crop is projected at 12.8 million bales, down less than 1 percent from August, Smith explains. Texas and Oklahoma upland cotton production is currently estimated at 3.88 million bales, an increase of 9 percent over the Aug. 1 projection reflecting favorable August growing conditions in the Southern High Plains of Texas, he notes.

"Cotton industry watchers are keeping an alert eye on the Lubbock area, because although the foliage looks good, the crop is late and needs a late

freeze if it is not to repeat last year's crop disaster," Smith says.

The 1987 wheat production, projected at 2.11 billion bushels, is down less than 1 percent from the August estimate, Smith notes. "Little action is seen in the wheat market, but it could benefit from bullish corn and soybean reports," he

adds. Texas rice growers are expected to produce 15.1 million hundredweight in 1987, down 17 percent from 1986. Total U.S. 1987 rice production, expected to be 126.8 million hundredweight, is 6 percent less than produced in 1986, Smith says.

Crisis counseling available for Plains farmers, Gramm says

Federal help is now available through the Texas A&M University Agricultural Extension Service to provide financial counseling services to Texas Panhandle farmers who face financial distress, U.S. Sen. Phil Gramm announces.

Through an \$84,000 grant from ACTION, which administers and coordinates the domestic volunteer programs sponsored by the federal government, Texas A&M will provide at least one trained counselor each to 41 Texas Panhandle counties on a full-time basis.

In addition, a toll-free telephone number will also be established that will be manned by professional counselors.

The counselors will be trained in financial planning.

"These funds are important because they apply the resources of Texas A&M and ACTION to the real problems faced by many Texas farmers," Gramm said.

The senator said he was hopeful that the volunteer network created through these federal funds will serve as a model program for other industries confronted with financial difficulties.

Gramm said that Texas A&M won a national competition for these services and will begin to assemble the volunteer network within the next month.

USDA tightens standards on insects in grain sorghum

Effective May 1, 1988, the U.S. Department of Agriculture is tightening U.S. grain standards on allowable limits of insect infestation in grain.

USDA's Federal Grain Inspection Service has set the following limits that will determine when a grain sample is infested:

—When a sample of wheat, rye or triticale contains two or more live weevils, or one live weevil and one or more live insects injurious to stored grain, or two or more other live insects

injurious to stored grain.

—When a sample of barley, corn, oats, sorghum, soybeans, sunflower seed or mixed grain contains two or more live weevils, or one live weevil and five or more other live insects injurious to stored grain, or 10 or more other live insects that are injurious to stored grain.

The revisions also change the sample grade definition for wheat by adding a limit of 32 insect-damaged kernels per 100 grams.

Grain storage recommendations

Good management of grain crops in storage will minimize quality deterioration after harvesting, says an agricultural engineer.

"When grain is harvested at a moisture content higher than that recommended for safe storage, mechanical drying must be done," notes Richard Withers with the Texas Agricultural Extension Service. "The higher the grain temperature and moisture content, the quicker the grain must be dried mechanically to prevent mold."

"For example, when grain is at 90 degrees F. and has a moisture content of 18 percent, moisture content must be reduced to 15 percent within about six-to-eight days," explains the specialist. "If temperature is reduced to 70 degrees F., the allowable time to reduce moisture is about 30 days. Of course, we

are assuming that grain is being aerated during this period."

Moisture content for safe storage varies with crops. Withers suggests these moisture percentages for safe storage: corn, 13; rice, 12.5; sorghum, 12-14; soybeans, 11-12; and wheat 12-14.

He points out that an aeration system for grain cooling and moisture migration control is needed if grain is stored more than two to three months, even if safe storage moisture requirements are met.

According to Withers, aeration systems for cooling grain and controlling moisture migration within grain should supply about one-tenth cubic foot per minute (cfm) of air flow per bushel.

"Fans must be designed to provide this flow rate against pressures deve-

loped in pushing air through grain. Higher air flow rates are required if the storage bin is also used for drying," points out the engineer.

Withers also suggests some simple precautionary measures before storing crops. Check potential sources of water leaks into bins and seal them with a good non-drying caulking compound. Also, make sure air vents are protected from blowing rain. Where rust spots exist on galvanized bin surfaces, clean the surface with a wire brush and apply a good quality zinc or rust inhibiting paint.

Finally, plan for alternatives in your harvest and storage operation in case emergency drying or insect protection are needed.



COUNCIL SEEKS 10% ACREAGE REDUCTION
The National Cotton Council's board of directors has requested the Department of Agriculture to implement a 10 percent unpaid acreage reduction program for cotton in 1988.
If USDA determines a higher reduction is appropriate, the Council board asks a 5 percent voluntary paid diversion.

Case IH Earth Metal® blades last UP TO 20% longer... are UP TO 60% tougher and NOW ARE ON SALE!



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Crimped center blades require 33% less drawbar pull, providing fuel savings you can add to the savings through up to 20% longer wear. We don't recommend full-concavity blades for IH or Case IH harrows.

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Farm News

Corn bred successfully for higher photosynthesis rate

Lines of corn with consistently high rates of photosynthesis and, as a direct result, higher yields, have been bred successfully for the first time, a U.S. Department of Agriculture scientist reports.

Doyle B. Peters, a research leader with the Agricultural Research Service at Urbana, Ill., said that in this final year of a 7-year field experiment, "There is no doubt that we have bred corn that manufactures its food more efficiently." He said that precise yield increases in the various lines will be measured later this year.

He added, however, that "it is impossible to quantify precise increases in photosynthetic rate because of climatic variations from year to year."

Final yields in 1987, known as the "tester year," will be measured against those of highly productive hybrid corn grown in the same field, Peters said.

Breeding crops for higher rates of photosynthesis is a goal that has eluded scientists for many years, Peters said, adding that "it may not be possible with most crops, at least not with standard breeding techniques." He did, however, succeed with corn using those techniques.

"Our experiment has proved two things," the scientist said. "First, enough variation exists in some of the more complex plants, such as corn, sugar cane and sorghum, to allow us to select and breed them for somewhat higher rates of photosynthesis. Second, we found that there is a direct connection between higher rates of photosynthesis and crop yields."

Peters added that while there may be no immediate commercial application for his findings, "as world population grows, increasing the efficiency of photosynthesis poses an exciting challenge."

Photosynthesis is the photochemical process by which green plants and certain other organisms manufacture food. Expressed simply, Peters said, when sunlight energizes the chlorophyll in a leaf, it starts a process which transforms carbon dioxide and water

into oxygen and glucose, or simple sugar.

"This is the fundamental biological process that keeps plants and animals alive," said the scientist. "While it can be described in a few words, it is actually an extremely complex affair involving thousands of reactions. Until the middle of this century, we knew little about how it takes place, and we are learning more about the process all the time."

He pointed out, however, that photosynthesis is not a very efficient process, adding that even a small increase in efficiency could mean a very large increase in food supply.


To make the Illinois experiment possible, Peters designed and built motorized plastic chambers that move through a cornfield on rails, pausing for 40 seconds over each experimental plot of 18 corn plants to help determine the rate of photosynthesis.

As a chamber moves into position over a corn plot, plastic sides drop down, sealing off a 60 X 80-inch area. Sophisticated instruments inside the chamber measure carbon dioxide loss and the increase in atmospheric water. These two readings are recorded on a computer.

Peters also measures and continuously records the total radiation from the sun that strikes the field as well as quantum light involved in photosynthesis that strikes the uppermost leaves.


These measurements enable Peters to determine the photosynthesis rate as a function of light intensity.

CAPROCK-PLAINS FEDERAL LAND BANK ASSOCIATION




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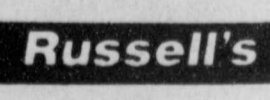
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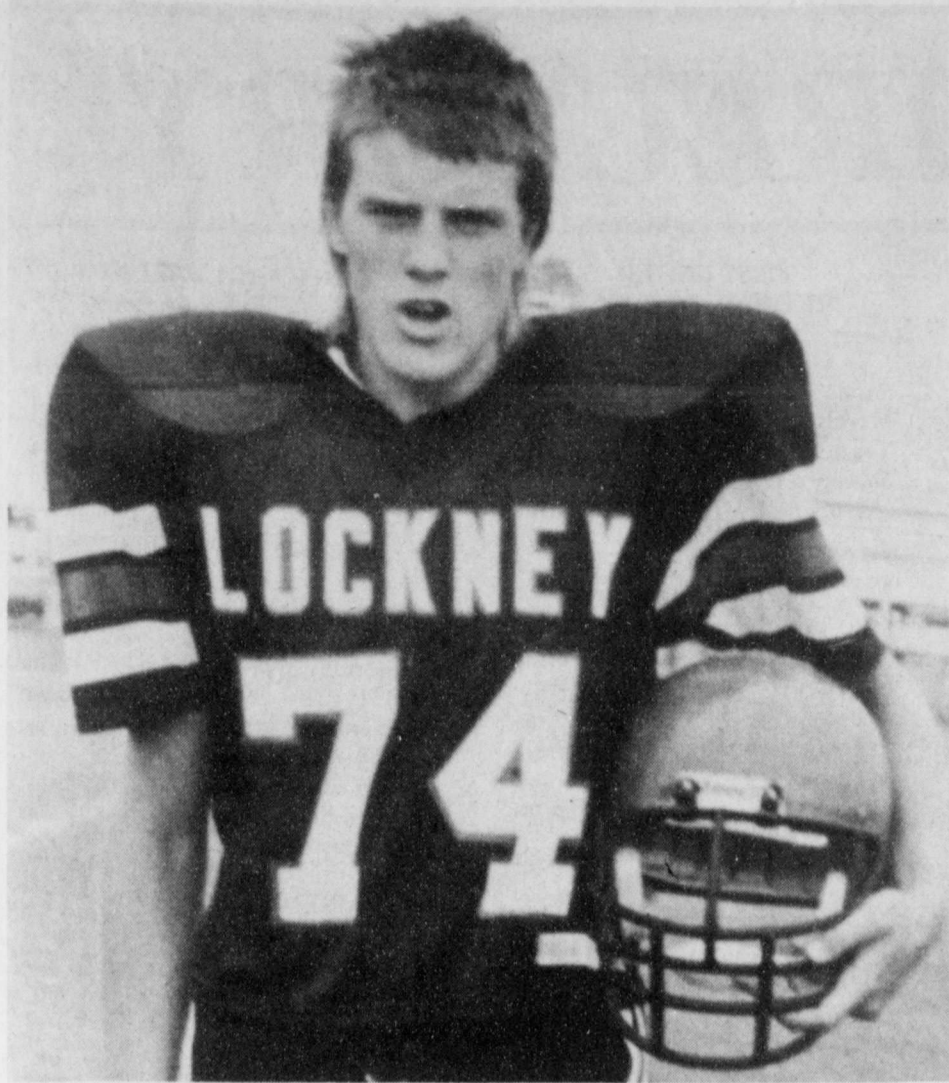


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Floydada 983-2884



SHAD MORRIS, #74, is a senior at LHS. He is 6'1" and weighs 153 lbs. This is Shad's first year to play for the Longhorns; his positions are tackle and defensive end. He is an active member of the FFA Chapter and participates in various contests. Shad resides with his brother and sister-in-law, Lindan and D'Lyn Morris. Get after 'em, Shad.

Longhorns fall in district opener

"Offensively we did a good job moving the ball, but we had lots of mental mistakes and that was our downfall," commented coach Jim Clark after the Longhorn loss to Springlake-Earth last Friday night.

Clark also commented, "defensively we just didn't tackle like we should have. We needed to stop Donald Spencer to gain control and we didn't. We are capable of playing much better ball than that. We just didn't get the job done."

SE took the lead early in the game when they scored from seven yards out with just four minutes of the game gone. The two point conversion was not good.

The Wolverines scored again in the second quarter on a 15 yard pass and the two point try this time added to their score.

The third quarter saw another TD added to the opponents' tally on a two yard run and a PAT to bring the score to 21 to 0.

With 6:01 on the clock in the fourth quarter SE added their final touchdown. Lockney scored its only touchdown in the fourth quarter after receiving the Wolves kickoff on the Lockney five yard line. With less than six minutes left in the game the Horns began their scoring drive.

After receiving the kickoff on the five, Clay Harrison returned to the Lockney

20. Todd Hallmark carried the next four plays and gained the Horns about 40 yards and a first down in Wolf country, on the 40. Hallmark took the quarterback position on the first down play and passed to Jimmy Ballejo for another first down on the SE 29. Hallmark then pitched out to Javier Bernal on the next play and he gained another first down for the Horns on the 15.

Three plays later the Horns faced third and 13. Hallmark took the helm and took a keeper around the outside to score the only Lockney TD of the game. Jimmy Ballejo passed to Michael DeLeon for the two point conversion and

the game ended on a 28 to 8 note.

Statistics	
Lockney	Springlake-Earth
14	First Downs 17
182	Yards Rushing 124
40	Yards Passing 150
222	Total Yards 274
11-4	Passes Comp-Att. 14-11
4-35	Punts-Avg. 2-33
6-60	Penalties-Yards 1-15
2	Fumbles Lost 1
0	Intercepted By 1

Score by Quarter	
Springlake-Earth	Lockney
6	0
8	0
7	0
7-28	8-8

Lake Report

Bill Noble of Tulia caught a pair of "nice" walleye Saturday from Lake Mackenzie. While using crank bait on the north side of the main lake, he caught 7¼ and 8¼ pounders, according to a report from the Marina.

Bob Hicks of Amarillo caught a 6¼ large mouth bass and two 4 pound large mouth bass on Tule Creek. He was using gene larew salt crawlers.

A group of Lubbock men caught several crappie, several bass and two 4 pound catfish from the lake.

Water temperature Monday was 68 degrees and water depth at the dam was 111 feet.

Have a good week

DE-HORN HART



Go Horns!



TAKE HIM DOWN — These two Lockney Longhorns take down Donald Spencer of the Springlake-Earth Wolverines in last Friday's game, played in Lockney. This week the Horns will be in Hart to play an all Horns game. Kickoff is at 7:30 p.m. — Staff photo



Don Castleberry
895-4613



Max Harrison
983-3044

Before the need... You need your Farm Bureau Insurance Agent.

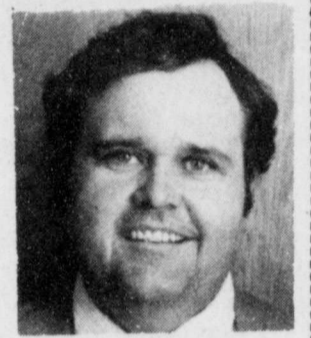
Liability Insurance



If it's your home or vehicle, you're responsible for the people who visit it or might be injured by it. Are you sure that you are fully covered against such a liability?

TEXAS FARM BUREAU INSURANCE

Lockney - 652-2242 Floydada - 983-3777
101 S. Wall Floydada, Texas, 79235



Clar Schacht
Agency Mgr.
983-2906



Kenneth Holt
652-3456

Football Contest

HAVE FUN...
WIN PRIZES...

DEADLINE FOR ENTRIES - 5 P.M. FRIDAY
DEPOSITED IN THE BOX AT THE BEACON OFFICE

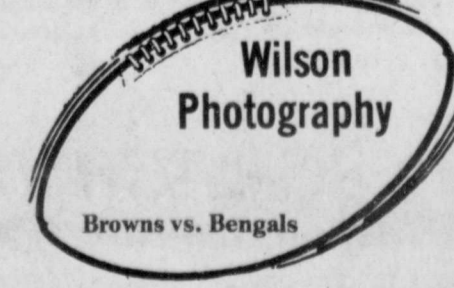
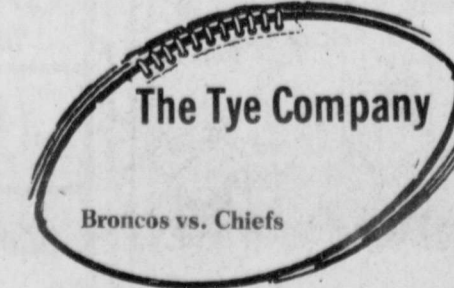
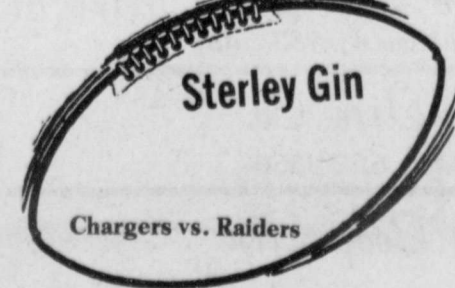
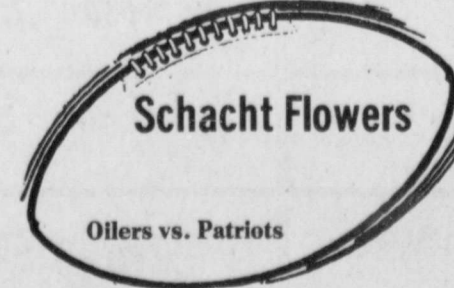
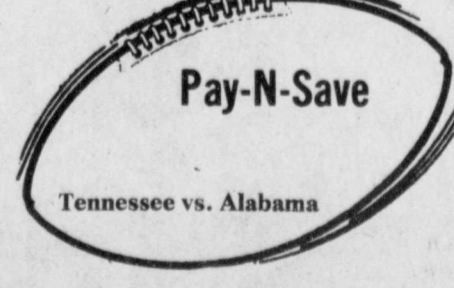
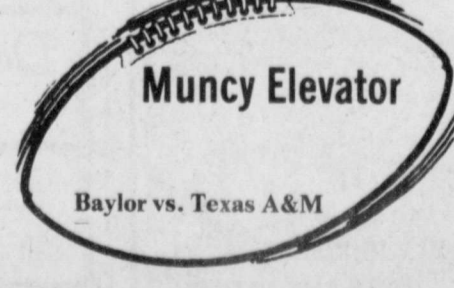
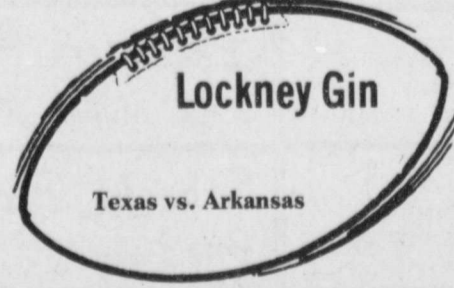
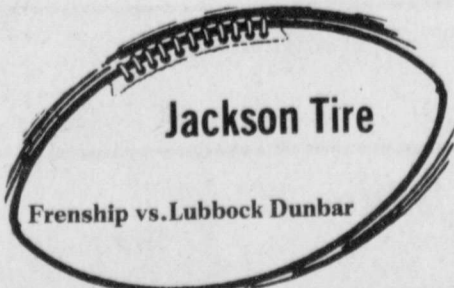
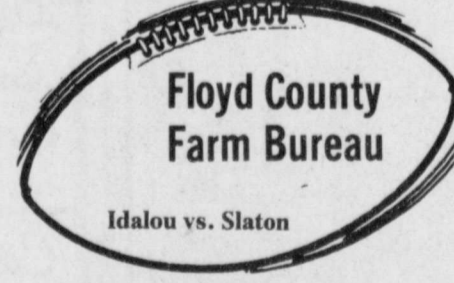
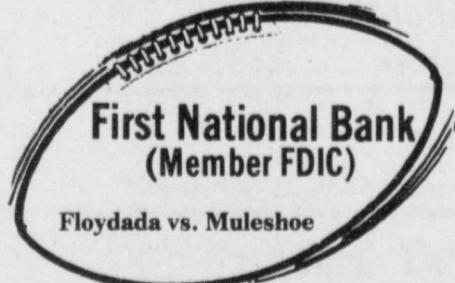
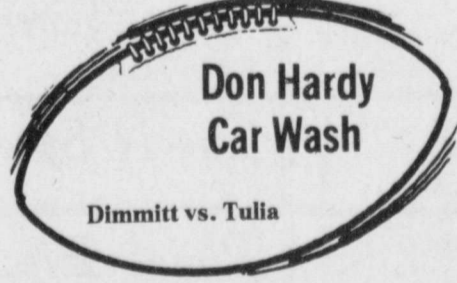
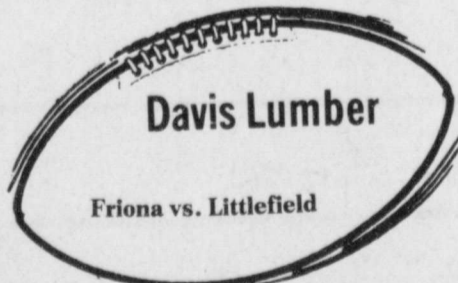
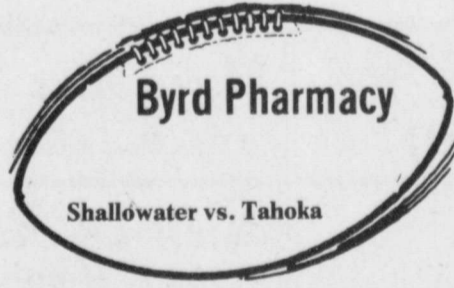
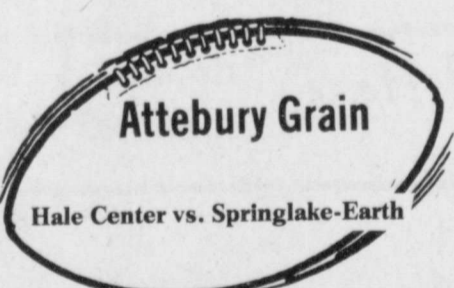
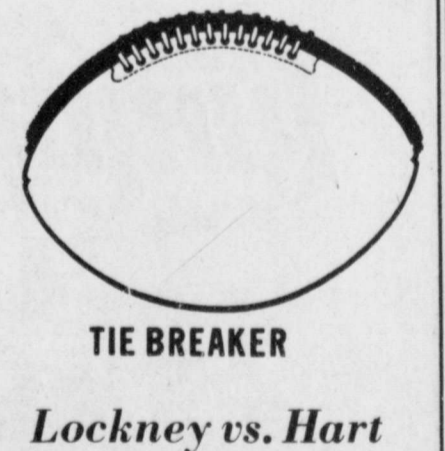
Lockney Beacon \$20⁰⁰

TIE BREAKER-Guess Total Points AND CIRCLE WINNER

In Cash
Prizes
Each Week

NAME
ADDRESS
CITY

1ST PRIZE \$10⁰⁰
2ND PRIZE \$6.00
3RD PRIZE \$4.00



CONTEST RULES

Any Beacon subscriber or person purchasing a copy from a newsrack is eligible to enter, except for employees of Floyd County Newspapers. Three cash prizes are awarded weekly. Ties will split prize money. Staff members of this newspaper are sole judges of the contest and their decision is final.

It is not necessary to indicate scores on all the games, but total scores (combined total of both teams) of the tie-breaker must be indicated in football.

Circle the team you believe will win each of the footballs. Deadline for submitting entries is 5 p.m. Friday and winners will be announced in the following week's issue.

Enter one entry per person per week. Print name and address plainly on blank below and bring entire page to The Beacon office in Lockney before 5 p.m. Friday.

Tie breaker game will be considered only in case of ties.

Contestants receive one point for each correct game throughout the season. The person with the greatest number of points for the season wins two tickets to the Cowboys-Miami Dolphins game in Dallas on Nov. 22.

First United Methodist slates Harvest Festival

Saturday, Oct. 31, is the date chosen by First United Methodist Church of Lockney for the annual Harvest Festival.

Activities will include a turkey and dressing luncheon, the "Country Store" for baked goods and small items, and an auction of handmade articles. A quilt constructed of blocks made by women of the church will be the

featured item at the auction. Ticket prices for the turkey meal will be \$4.00 for adults and \$3.00 for children under 11 years of age. General chairman is Margaret Schacht.

Stennett's visit Ft. Worth

Jimmy and Theresa Stennett spent ten days recently visiting with their son, Dr. Kevin Stennett, who is doing residency at John Peter Smith Hospital in Fort Worth. They also visited with son Doug and his wife Ellen and R.L., Betty and Mrs. Bob Knox at Marble Falls. They also visited with a niece, Mr. and Mrs. Phil Provan and their three daughters in Arlington.

They fished with the Knoxes and spent time at Lake L.B.J. in the lake home of Ricky and in the Lea Riley's cabin on the lake. While in Marble Falls they saw over 200 white tail deer at Deer Haven. They also saw much of the lake front development property while there. "Many of the homes are very expensive" commented both Stennetts. One home in particular is almost complete and is reported to be a \$3 million home site.

On the way home they visited in Winters with an aunt of Theresa's, Mrs. Walter Andrae.

Baptist WMU holds meeting

The WMU of the First Baptist Church met in the parlor for their monthly meeting.

The theme was "Women Pray for Missions."

Agnes Frizzell led the program and was given by the officers. Helen Karr gave the book review. The prayer calendar was read.

Those present were: Cornelius Johnson, Ruth Mitchell, Neva Smith, Helen McLeod, Emma Thomas, Agnes Frizzell, Bobbie Kellison, Elvira Stewart, Faye Ferguson, Dorothy Shipp, Eva Whitfill, Helen Karr, Jewel Fortenberry.

Senior Citizens Rockin's

Visiting with Mary Lou Bollman and attending the open house on Sunday was Louise Bollman Burton from Clavmont, Delaware.

Visiting with Georgia Galloway last weekend were her daughter and family, Mr. and Mrs. Cleon Namkin and Kimberley of Pecos.

Bill Thomas picked up his brother in Floydada and the two traveled to Post for the Hester family reunion this past weekend. Mrs. Hester was the sister of Bill and Hal. Fifty-three family members attended.

Visiting with Archie and Nora Bybee this weekend were Nora's sister and her husband, Mr. and Mrs. Lonnie Later of Pampa. Also visiting with the Bybees

were Debbie Stennett, Brandy and Tucker of Plainview.

John L. and Elizabeth Riley from Ingram were able to be in Lockney for the open house of the senior center on Sunday. Another out-of-town guest for the event was Elroy Boedeker of Colorado City.

Birthdays:
October 12: E.A. Bonner, Ruth Reeves

October 18: Block Dollar

Anniversaries:
October 18: Mr. and Mrs. E.A. Bonner
Everyone remember the potluck supper on Thursday, October 15, at 6:30 p.m. Everyone make plans to attend.

Lockney Care Center

By Lanita Cantwell

Since I came to work at Lockney Care Center in April, I have missed some of the things I used to do. One of my favorite things was taking a morning walk just before sunrise. However, I have enjoyed some unexpected pleasures—meeting new friends, getting to know others better, and even the long drives from my home are a pleasant passtime. Last week one morning I saw about 100 pheasants gathered alongside the road north of Frizzell's farm. They were out foraging for food in the cool, sunbright morning. The past few days I have noticed some of the trees along the way are turning from green to a bright gold. We don't have to go to the mountains to take a foliage tour.

Fall is not only evident in the air and outdoors, it is evident here at the nursing home. Heptad Vegetables provided many pretty miniature pumpkins, Indian corn, Indian popcorn, strawberry popcorn and gourds to brighten up our decor. We have fashioned some of them into wreaths, baskets and other arrangements. We want to thank Gary and Hulon Carthel. We had a wonderful birthday party

last Wednesday for everyone who is celebrating a birthday in October. Myrl Wofford and Winona Allison brought punch and cake and served to the 26 residents who came to the dining room for the party. Residents who were honored were Lorene King, Earl Mercer, Pilar Hernandez, Eula Malone, Bertie Bradley, Mary Jo Fielding, Bessie Jackson, and Henry Merrell. I am thankful to our aides, Trina McDonald and Pauline Monroe for doing a great job of getting residents ready and to the party. The attendance was better this month than I can remember it.

Our halls and dining room have recently been beautified by some of Chuck Wilson's lovely photographic works. We wish to thank Chuck and Joyce for loaning us this bit of loveliness. Our residents have expressed pleasure at seeing these.

I want to thank Kathy Perkins and Edwina Hollums who have helped with Bingo while I was away from the home. Residents enjoy playing often. This week we have a special activity planned for Friday afternoon at 3 p.m. The Rhythm Racketeers from Tulsa are to come and entertain us. Visitors are welcome.

CHURCH DIRECTORY

CEDAR HILL ASSEMBLY OF GOD
Floydada
Rev. H.D. Morton Jr., Pastor
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
Evangelistic Service 6:00 p.m.
Wednesday Evening Bible Study 8:00 p.m.

LOCKNEY LATIN ASSEMBLY OF GOD
Rev. Vivian Resendez
Sunday School 9:45 a.m.
Morning Worship 11:00 a.m.
Evening Worship 6:00 p.m.
Youth Night, Tuesday 7:30 p.m.
Women's and Men's Worship Thursday 7:30 p.m.

SPANISH ASSEMBLY OF GOD
TEMPLO GETSEMANI
308 Mississipp
Rev. Daniel Herrera
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
Evening Evangelistic Service 6:00 p.m.
Wednesday, Family Night 7:30 p.m.

CARR'S CHAPEL
Service Every Sunday
Morning Worship 9:30 a.m.
Sunday School 10:30 a.m.
No Evening Services

FIRST CHRISTIAN CHURCH
Phil Carpenter
Interim Minister
Sunday School 9:45 a.m.
Sunday Worship 11:00 a.m.

"ABUNDANT LIFE FELLOWSHIP"
FIRST ASSEMBLY OF GOD CHURCH
Floydada
Ron Dysart, Pastor
Sunday School 9:45 a.m.
Morning Worship 10:50 a.m.
Sunday Evening Evangelistic Service 6:00 p.m.
Wednesday Night Service 7:30 p.m.

SAN JOSE CATHOLIC CHURCH
Lockney
Pastor: Fr. Jack Gist
Mon.-Fri. Liturgy 8:00 p.m.
Saturday Vigil Mass of Sunday 7:30 p.m.
Sunday Mass 12:30 p.m.

ST. MARY MAGDALEN CATHOLIC CHURCH
Floydada
Father Terry Burke
Sunday School 10-11:15 a.m.
Sunday Mass 11:30 a.m.
Wednesday Mass 7:00 p.m.
Ultreya 8:00 p.m.
Office Phone 983-5878

WEST SIDE CHURCH OF CHRIST
Floydada
Sunday Morning Worship 10:30 a.m.
Sunday Evening 6:00 p.m.
Wednesday 7:00 p.m.

LATIN AMERICAN CHURCH OF CHRIST
Lockney
Bible School 9:45 a.m.
Morning Worship 10:45 a.m.
Evening Worship 6:00 p.m.
Wednesday Service 8:00 p.m.

CITY PARK CHURCH OF CHRIST
Floydada
J.C. Bailey, Minister
Sunday Bible Study 9:30 a.m.
Morning Worship 10:30 a.m.
Evening Worship 6:00 p.m.
Wednesday Bible Study 7:30 p.m.
Ladies Bible Study, Wednesday 9:30 a.m.

MAIN STREET CHURCH OF CHRIST
Lockney
George Schuster, Minister
Bible Study 9:30 a.m.
Morning Worship 10:30 a.m.
Evening Worship 6:00 p.m.
Wednesday Ladies Bible Class 9:30 a.m.
Bible Study 7:30 p.m.

WEST COLLEGE CHURCH OF CHRIST
West College & Third, Lockney
Frank Duckworth, Evangelist
Morning Worship 10:30 a.m.
Evening Worship 6:00 p.m.
Wednesday Service 8:00 p.m.

TRINITY LUTHERAN CHURCH
Providence Community
Rev. Bruce Adamson
Sunday School & Adult Bible Class 9:45 a.m.
Worship Service 11:00 a.m.

FIRST UNITED METHODIST CHURCH
Lockney
Rev. Robert Kirk
Sunday School 9:45 a.m.
Worship Service 10:55 a.m.
UMY 5:00 p.m.
Evening Worship 6:00 p.m.
United Methodist Women. First Tuesday of Month Circles. Monday (2nd & 4th Monday nights) Tuesday & Wednesday mornings.

GRANT CHAPEL CHURCH OF GOD IN CHRIST
John Williams, Pastor
Sunday School 10:00 a.m.
Monday Worship 11:00 a.m.
Evening Service 7:30 p.m.
Prayer Service-Tuesday 8:00 p.m.
Service-Wednesday 7:30 p.m.

SOUTH PLAINS BAPTIST CHURCH
Tom Fisher, Pastor
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
Evening Service 6:30 p.m.
Wednesday Service 7:00 p.m.

TEMPLO NUEVA VIDA
Rev. Herman Martinez
308 W. Tennessee
Sunday School 10:00 a.m.
Evening Worship 6:00 p.m.
Tuesday Ladies Prayer 2:00 p.m.
Thursday Service 7:30 p.m.

FIRST UNITED METHODIST CHURCH
Floydada
Earl Blair, Pastor
Sunday School 9:45 a.m.
Morning Worship 11:00 a.m.
Youth Fellowship 5:00 p.m.
Sunday Evening Worship 6:00 p.m.

EVANS CHAPEL BAPTIST CHURCH
Rev. Sammy Holloway
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
Training Union 6:00 p.m.
Evening Worship 7:00 p.m.
Wednesday Prayer Meeting 7:00 p.m.
Sunday Afternoon Worship 2:00 p.m.

PRIMER IGLESIA BAUTISTA
Rev. Pedro Reyes
Sunday School 9:45 a.m.
Morning Service 11:00 a.m.
Training Union 6:00 p.m.
Evening Worship 6:00 p.m.
Wednesday Service 7:30 p.m.

TEMPLO BAUTISTA SALEM
Lockney
Tivursio Villarreal
Sunday School 9:45 a.m.
Worship Service 11:00 a.m.
Christian Training Time 5:00 p.m.
Evening Worship 6:00 p.m.
Wednesday Prayer Meeting 7:30 p.m.

BIBLE BAPTIST CHURCH
Floydada
Bob Chapman
Sunday School 10:00 a.m.
Morning Worship 10:45 a.m.
Sunday Evening Prayer Meeting 6:00 p.m.
Sunday Evening Services 6:30 p.m.
Wednesday Evening Services 7:30 p.m.

FIRST BAPTIST CHURCH
Lockney
Murle Rogers, Pastor
Sunday School 9:45 a.m.
Morning Worship 10:45 a.m.
R.A.'s 5:00 p.m.
Acteens 4:30 p.m.
Church Training Evening Worship 7:00 p.m.
Wed. Choir Practice 8:00 p.m.
Wednesday: Prayer Meeting 7:00 p.m.
Our Time (Jr. High and High School) 7:00 p.m.
GA's Mission Friends (preschool) 7:00 p.m.
Thursday: Baptist Women 1st & 3rd Mondays 3:00 p.m.
Baptist Young Women 2nd Monday 7:00 p.m.

CALVARY BAPTIST
Floydada
Dr. Ricky Johnson
Sunday School 9:45 a.m.
Morning Worship 11:00 a.m.
Bible Study 6:00 p.m.
Evening Worship 6:00 p.m.
Wednesday Evening 7:00 p.m.

MT. ZION BAPTIST CHURCH
Floydada
Rev. Ralph Jackson, Pastor
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
BTU 6:00 p.m.
Evening Worship 7:00 p.m.
Mid-Week Prayer Wednesday 7:00 p.m.
Bible Study Thursday 7:00 p.m.

AIKEN BAPTIST CHURCH
Rev. Ray Starnes, Pastor
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
Training Union 6:00 p.m.
Evening Worship 6:00 p.m.
Prayer Service Wed. 7:30 p.m.
Brotherhood, W.M.U. and Auxiliary Wednesday 7:30 p.m.

FIRST BAPTIST CHURCH FLOYDADA
Rev. Howell E. Farnsworth, Jr., Pastor
Sunday School 9:45 a.m.
Morning Worship 10:55 a.m.
Church Training 6:00 p.m.
Evening Worship 7:00 p.m.
Wednesday Evening 6:45 p.m.

LONE STAR BAPTIST CHURCH
M.B. Baldwin, Pastor
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
Training Union 5:00 p.m.
Evening Worship 6:00 p.m.
Prayer Service, Wednesday Evening 6:30 p.m.
Brotherhood, First Saturday Morning of Every Month.

VICTORY BAPTIST CHURCH
Floydada
Travis Curry, Pastor
Sunday School 10:00 a.m.
Morning Worship 11:00 a.m.
Evening Worship 7:00 p.m.
Wednesday Services 7:00 p.m.

NEW SALEM PRIMITIVE BAPTIST CHURCH
Floydada
Jim Jackson, Pastor
Sunday Congregational Singing 10:30 a.m.
Morning Worship 11:00 a.m.
Evening Worship 6:00 p.m.

SPANISH BAPTIST MISSION
Floydada
Rev. Lupe Rando
Sunday School 9:45 a.m.
Morning Worship 11:00 a.m.
Church Training 5:00 p.m.
Evening Worship 6:00 p.m.
Wednesday Evening 7:00 p.m.

TRINITY CHURCH
Meets at the Y
G.A. Van Hoose, Pastor
Sunday School 9:45 a.m.
Morning Worship 11:00 a.m.
Sunday Evening 6:00 p.m.
Wednesday Night Prayer 7:30 p.m.



This page is being brought to you through the courtesy of:

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ELECTRIC Luminarias

NEW Halloween Luminarias NOW AVAILABLE

The perfect welcome for trick or treaters and partygoers. Order now through Oct. 24 and get your Christmas replacement bags free. Call or come by today.

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Flowers, Jewelry & Gifts
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Attend The Church Of Your Choice.

Statewide Preceptorship Program

One of the most frequently made statements about medicine is, "We need more good family doctors." To meet this need, the Texas Legislature has instituted programs to train family doctors.

Currently there are 21 community-based Family Practice Residency Programs throughout the state training family doctors. But, how do doctors become interested in family medicine in this so-called age of super-specialization?

One of the best ways has been the development of another statewide program, the preceptorship program, according to Dr. Jack Haley, Statewide Preceptorship coordinator from Houston. Volunteer members of the Texas Academy of Family Physicians from across the state are carefully selected to take part in this program.

It gives medical students the opportunity to see what the specialty of family

practice is really like by actually working in a family practice setting under the guidance and supervision of a member of the Texas Chapter of the American Academy of Family Physicians.

One such preceptor is Gary Mangold, M.D., a local family doctor. Dr. Mangold worked with Vera Luther, a medical student from Texas Tech University. Luther spent an entire month in Dr. Mangold's practice observing what it is like to be a family doctor.

The Texas Academy of Family Physicians is dedicated to the cornerstone of the healing arts, family medicine. It is the largest medical specialty society in Texas.

Objectives and purposes of the Academy are: (1) to promote and maintain high standards of family practice in medicine and surgery; (2) to encourage and assist young men and women in preparing, qualifying and establishing

themselves in family practice; (3) to advance medical science, private and public health, and to preserve the patient's right to free choice of physician; (4) to assure that family physicians can engage in medical and surgical procedures for which they are qualified by training and experience; (5) to assist in providing continuing education for family physicians; and (6) to acknowledge and assume responsible public advocacy in all health-related matters.

Lockney Hospital Report

October 5-12

- Pabla Sustaita, Lockney, adm. 9-29, dis. 10-7
- Roberta Garcia, Plainview, adm. 10-2, dis. 10-6
- Maria Tijerina, Plainview, adm. 10-3, dis. 10-8
- Abeline Vasquez, Tulia, adm. 10-4, baby girl Stephanie, born 10-4, dis. 10-6
- Renee Dean, Silverton, adm. 10-3, baby girl Aubrey, born 10-3, dis. 10-5
- Jesus Duenas, Lockney, adm. 10-4, dis. 10-7
- Leslie Ross, Lockney, adm. 10-2, dis. 10-9
- Juanita Vasquez, Plainview, adm. 10-6, baby girl Sarha, born 10-6, dis. 10-8
- Alma Meneldez, Plainview, adm. 10-6, baby girl born 10-7
- Twila Boyles, Plainview, adm. 10-8, baby boy Brandon, born 10-8, dis. 10-10
- Susie Nuncio, Lockney, adm. 10-8, dis. 10-11
- Francisca Vega, Hart, adm. 10-9, baby girl Olivia, born 10-9, dis. 10-11
- Mable Perkins, Lockney, adm. 10-12, continues care
- Theodora Mendez, Plainview, adm. 10-11, continues care
- Rose Ann Saldana, Roaring Springs, adm. 10-12, continues care
- Cesar Cienfuegos Jr., Lockney, adm. 10-9, dis. 10-11
- Teresa Balderas, Lockney, adm. 10-9, baby boy Dominis, born 10-9, dis. 10-12
- Concepcion Ramos, Plainview, adm. 10-9, dis. 10-11
- Juanita Holland, Lockney, adm. 10-11, continues care
- Lamb Dourd, Quitaque, adm. 10-10, continues care
- Brandon Boyles, Plainview, adm. 10-12, continues care



MOVING TOWARD THE GOAL — Todd Hallmark sweeps around the outside and moves the ball nearer the goal in last Friday's game with Springlake-Earth. Hallmark scored Lockney's only touchdown of the game just two plays later. This week the Horns will face off with the Hart Longhorns in Hart at 7:30 p.m. —Staff photo

Tutorial program offered

Tutorial classes are being offered at Lockney High School on Monday through Thursday mornings from 7:45-8:30 and in Lockney Jr. High on Tuesdays, Wednesdays, and Thursdays from 7:45-8:30.

The purpose of tutorials is to provide additional direct instruction and other assistance for students who are experiencing difficulty succeeding in the regular classroom.

Tutorial services in combination with effective classroom instruction should enable students to be more successful because of the increase in time on task, the provision of intensive student-teacher interaction, and more active student participation in small learning groups.

Any student should be encouraged to attend tutorial sessions, but the program shall be targeted at students

scoring below 70 or in jeopardy of scoring below 70 in a course or subject.

Lockney School Menu

October 19-23

- Monday:**
Breakfast — Ham, toast, milk, orange
Lunch — Hogie sandwich, potato chips, pork in beans, spinach, milk
- Tuesday:**
Breakfast — Cinnamon biscuit, milk, apple
Lunch — Enchiladas, salad, santinos, pinto beans, sopapillas, honey, milk
- Wednesday:**
Breakfast — Toast and cheese, milk, pineapple
Lunch — Fried chicken, hot rolls, milk, creamed potatoes, cabbage slaw, pineapple

- Thursday:**
Breakfast — Sausage, toast, milk
Lunch — Ham, green beans, sweet potatoes, hot rolls, milk, cherry cobbler
- Friday:**
Breakfast — Rice, milk, peaches
Lunch — Char broiled hamburger, oranges, milk, new potatoes, tossed salad

ORDINANCE NO. 252

AN ORDINANCE BY THE CITY COUNCIL OF THE CITY OF LOCKNEY, TEXAS, AUTHORIZING THE MUNICIPAL COURT OF THE CITY TO COLLECT A SPECIAL EXPENSE FOR SERVICES PERFORMED IN CASES IN WHICH THE LAWS OF THE STATE OF TEXAS REQUIRE THAT A CASE BE DISMISSED BECAUSE OF ACTIONS BY OR ON BEHALF OF A DEFENDANT WHICH WERE SUBSEQUENT TO THE DATE OF THE ALLEGED OFFENSE, WHICH ACTION IS EXPRESSLY AUTHORIZED BY ARTICLE 45.05 TEXAS CODE OF CRIMINAL PROCEDURE.

WHEREAS, Senate Bill No. 243, 70th Legislature of the State of Texas, permits the governing body of each incorporated city, town or village to authorize by ordinance a municipal court to collect a special expense for services performed in cases in which the laws of this state require that the case be dismissed because of actions by or on behalf of the defendant which were subsequent to the date of the alleged offense; and

WHEREAS, the City Council of the City of Lockney, Texas deems it to be in the best interest of the City to adopt an ordinance pursuant to said law;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LOCKNEY, TEXAS:

Section 1. The Municipal Court shall be and is hereby authorized to collect a special expense for services performed in cases in which the laws of the State of Texas require that a case be dismissed because of actions by or on behalf of the defendant which were subsequent to the date of the alleged offense, such actions to be limited to compliance with the provisions of Subsection (a), Section 143A, Uniform Act regulating traffic on highways (Art. 6701d, Vernon Texas Civil Statutes).

Section 2. The special expense authorized in the preceding section shall not exceed the actual expenses incurred for the services or \$10.00, whichever is less, such amount to be determined and assessed by the Municipal Court.

Section 3. All ordinances or parts of ordinances in conflict herewith shall be and are hereby repealed to the extent of conflict herewith.

Section 4. This ordinance shall take effect from and after its publication one time in the *Lockney Beacon*, a newspaper of general circulation in the City of Lockney, Texas.

Section 5. If for any reason any section, paragraph, subdivision, clause, phrase, or provision of this ordinance shall be held invalid by final judgment of a court of competent jurisdiction, it shall not affect any valid provisions of this or any other ordinance of the City of Lockney, Texas.

ORDAINED by the City Council of the City of Lockney, Texas, on this 8th day of October, 1987.

DAN SMITH, Mayor

ATTEST:
Erma Lee Duckworth
City Secretary

APPROVED AS TO FORM:
PAUL LYLE, City Attorney

10-8

In Times Like These...



by Mary Jo Fielding

Only war has lent significance to this small, remote hill above the Bocay River a few miles from the Nicaragua-Honduras border and not very significance at that. Contra rebels and Sandinista soldiers have fought over El Cuartillon no fewer than five times. The Sandinistas last attacked in May, using helicopters to ferry in thousands of troops.

At one border area camp, top Contra military commander Enrique Buznanez muses over the latest turn of events amid a chatter of empty ammunition crates in what remains of "El Estratigico," once the largest Contra base and headquarters of the high command. In Besnanez's view, the Marxist regime only signed the Guatemala peace treaty to "buy time" to bolster a faltering economy. Not surprisingly, he endorses the latest Reagan administration call for a new \$270 million Contra-aid package to be held over the heads of the Sandinistas if they renege on promises of democratic reforms.

"The 1984 suspension of aid by Congress was a disaster. Besmudez says, and a new shut-off could be fatal: It would be another Vietnam, another Bay of Pigs.

Down river from El Cuartillon in a shack that serves as a Contra-aid station. Amateur, a 37-year-old guerrilla lies on a cot listening to the pounding rain. To reach the clinic, he walked for 19 days with shrapnel in his knee and back. Now, he says, he's tired of fighting and would like to go home to a wife and five children in Matagalpa province. But Amateur doesn't trust the amnesty offers. "The Sandinistas turned me into a guerrilla," he declares. "I'll be one until we free our country."



TWIRLING WINNERS—Lori Gonzales (left) captured 10 awards in the NBTA-186 West Texas Twirling Festival, held in conjunction with the Panhandle-South Plains Fair. Her cousin, Victoria Guerrero, was the recipient of four awards in the competition. —Staff photo

Local twirlers garner awards in competition

Lori Gonzales and her 10-year-old cousin, Victoria Guerrero, returned home from the 34th annual NBTA-186 West Texas Twirling Festival with an array of hardware. The event, sanctioned by the National Baton Twirling Association, was held Saturday, Oct. 3, in the Fair Park Coliseum, Lubbock, in conjunction with the Panhandle South Plains Fair.

Jeri Ann Lambert was another Lockneyite who received awards in the event. Miss Gonzales, the 14-year-old daughter of Pete and Rosa Gonzales and a freshman twirler for the Longhorn Band, earned one trophy and nine medals. She received awards in 10 of the 11 categories in which she competed.

In NBTA open events, she placed first with two batons, second in novice x-strut, third in novice solo and fifth in modeling. In division ratings, she received one (highest) ratings in two

baton, hoop, beginner x-strut and sweetheart modeling categories and a two rating in beginner solo.

Miss Guerrero, daughter of Frank and Amelia Guerrero, placed second in novice solo and third in beginner basic in NBTA open events. In division ratings, she earned a one rating in beginner solo and a two rating in beginner basic. She competed in the 9-10 year old division.

She is a fifth grader in the Lockney school system.

Miss Lambert, the 12-year-old daughter of Dickie and Peggy Lambert, won first place in novice solo in the 11-12 year division of the NBTA open and fifth place in basic strut.

South Plains News

By Mrs. Bonnie Julian

Thursday, Oct. 8:

Warm, lovely weather has been with us for many days, and farmers are glad to have a chance to see their late crops getting a chance to mature.

Nights are beginning to cool, and this will help the crops mature. We have had no rainfall here for several days.

Dock Jones has been in St. Mary's Hospital in Lubbock for two weeks, and he is suffering pneumonia. We wish him well.

Go Horns!!

ORDINANCE NO. 253

AN ORDINANCE INCREASING THE FINE OF ALL PENAL ORDINANCES, RULES AND POLICE REGULATIONS OF THE CITY OF LOCKNEY TO A MAXIMUM OF \$2,000.00. FOR VIOLATIONS OF ALL SUCH RULES, ORDINANCES AND POLICE REGULATIONS THAT GOVERN FIRE SAFETY, ZONING, OR PUBLIC HEALTH AND SANITATION, INCLUDING DUMPING OR REFUSE; AND NOT TO EXCEED \$500.00 FOR ALL OTHER VIOLATIONS.

WHEREAS, the City Council of the City of Lockney has the power to pass, publish, amend or repeal all ordinances, rules and police regulations, not contrary to the Constitution of the State of Texas, for the good government, peace and order of the City and the trade and commerce thereof, that may be necessary or proper to carry into effect the powers vested by law in the City; to enforce the observance of all such rules, ordinances and police regulations and to punish violations thereof; and

WHEREAS, the City of Lockney has on its books many ordinances providing for a fine, most of which were passed and adopted by the City years ago, and which need to be updated at this time;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LOCKNEY, TEXAS:

SECTION 1. All ordinances of the City of Lockney providing for a fine for violations thereof that govern fire safety, zoning, or public health and sanitation, including dumping or refuse, are hereby amended to increase the possible amount of the fine and to provide that said fine shall not exceed the sum of \$2,000.00.

SECTION 2. All ordinances of the City of Lockney providing for a fine for violations thereof that govern all other violations other than fire safety, zoning, or public health and sanitation, including dumping of refuse, are hereby amended to increase the possible amount of the fine and to provide that said fine shall not exceed the sum of \$500.00.

SECTION 3. All ordinances or parts of ordinances in conflict herewith shall be and are hereby repealed to the extent of conflict herewith.

SECTION 4. This ordinance shall amend only the fine portion of presently existing ordinances and shall not amend any other part of said ordinances.

SECTION 5. This ordinance shall be prospective and shall set the fine limits for violation of ordinances adopted in the future, unless a lesser fine is set by said ordinance.

SECTION 6. This ordinance shall take effect from and after its publication one time in the *Lockney Beacon*, a newspaper of general circulation in the City of Lockney, Texas.

SECTION 7. If for any reason any section, paragraph, subdivision, clause, phrase or provision of this ordinance shall be held invalid by final judgment of the court of competent jurisdiction, it shall not affect any valid provisions of this or any other ordinance of the City of Lockney, Texas.

ORDAINED by the City Council of the City of Lockney, Texas, on this 8th day of October, 1987.

DAN SMITH, Mayor

ATTEST:
Erma Lee Duckworth
City Secretary

APPROVED AS TO FORM:
PAUL LYLE, City Attorney

10-8

CITY OF LOCKNEY

PUBLIC NOTICE OF CITY COUNCIL HEARING

Notice is hereby given to all interested persons as provided by law that the City Council of the City of Lockney will hold a public hearing on the 5th day of November, 1987, at 9:00 o'clock a.m. in the City Hall, 218 E. Locust Street, Lockney, Texas, to consider whether or not the buildings/structures identified below are vacant and dangerous as defined in the City of Lockney's Ordinance No. 213, Model Dilapidated Structure Removal Ordinance.

Properties to be considered for demolition and clearance at this public hearing are as follows:

Lots 4 & 5, Block 29, Original Town, Lockney

The owners of these buildings/structures listed above, or their authorized representatives/agents, are invited to appear at this public hearing of the Lockney City Council to provide information as to why these buildings/structures should not at this time be declared public nuisances and why the demolition and clearance of these buildings/structures should not be ordered.

Further information on this public hearing may be obtained by contacting the City of Lockney, 218 E. Locust Street, Lockney, Texas at (806) 652-2355.

10-8

Drunk driving... 'Lockney' name selected for nuclear test

FACT SHEET

(Compiled and distributed by MADD, Mothers Against Drunk Drivers.)

A. Deaths and Injuries

-Every 22 minutes, one person dies in an alcohol-related traffic crash. (NHTSA 1986)

-Approximately 66 people are killed each day due to drunk driving crashes. (NHTSA 1986)

-In 1986 alone, 23,990 people died because of drunk driving crashes. (NHTSA 1986)

-Traffic crashes are the greatest cause of death for people between the ages of 5-34. More than half of these are alcohol-related. (NHTSA 1986)

-560,000 people are injured each year in drunk driving traffic crashes, which is a 1 per minute average. (NHTSA 1986)

-43,000 people are seriously injured every day due to alcohol-related traffic crashes. (NHTSA 1986)

-About 41% of all fatal crashes in 1986 involved a drunk driver or pedestrian. (NHTSA 1987)

B. Teenagers (ages 15-19)

And Drunk Driving

-In 1986, approximately 10 teenagers died each day because of drunk driving crashes. (NHTSA 1986)

-In 1986, 3,538 teenagers died in drunk driving crashes—that's 31% of all fatally injured teenage drivers. (NHTSA 1986)

-More than 40% of all teenage deaths result from motor vehicle crashes—More than half of these involve drinking. (NHTSA 1986)

-In 1986, nearly 31% of all fatally injured teenagers were intoxicated. (NHTSA 1986)

-One out of three teenagers say they have been in a car with a driver who was intoxicated. (Gallup 1984)

-Young people aged 15-24 make up 19% of the population, but constituted nearly 37% of alcohol-related fatalities in 1986. (NHTSA 1986)

C. General Statistics

-Drunk driving is the most frequently committed crime in the nation today. DWI arrests in 1986 totalled more than three times the total for all other violent crimes (murder, robbery, forcible rape and aggravated assault). (FBI 1986)

-Estimates of the economic cost of drunk driving have been as high as 24 billion dollars. (Allstate 1982)

-2 out of every 5 Americans will be involved in an alcohol-related crash at some point in their lives.

-A general Accounting Office survey of research on the effects of raising the drinking age shows that the fatalities in the age groups affected by the change in laws (18, 19, and 20) declined an average of 13-16%, and the available longitudinal studies reported significant decreases were sustained over time. (IIHS 1987)

-The U.S. Supreme Court upheld the right of the federal government to withhold some highway safety funds from states not in accordance with the 21 drinking age law in June of 1987. As of August 1987, all but 2 states complied—South Dakota and Wyoming. South Dakota will comply on April 1, 1988.

D. Sources

NHTSA—National Highway Traffic Safety Administration.

IIHS—Insurance Institute For Highway Safety.

-The NHTSA defines a traffic crash or a motor vehicle crash as alcohol-related if either a driver or a pedestrian had a measurable or estimated blood alcohol concentration (BAC) of .01 percent or above in a police-reported traffic crash.

-The legal definition of driving while intoxicated is a BAC of .10 percent in most jurisdictions.

Both Texas and New Mexico have a town being the name of Lockney. And now there is a nuclear test given the same name.

The Los Alamos Test Group executed a nuclear test named Lockney on Sept. 24 at the Nevada Test Site. The announced yield of the event was between 20 and 150 kilotons.

The detonation occurred approximately 2020 feet beneath the surface of Pahute Mesa. Lockney was the seventh announced nuclear test conducted by Los Alamos during fiscal year 1987.

This event is one of the series of shootings bearing Texas place names.

The Los Alamos Newsbulletin stated that "Lockney is a town near Plainview, just south of the Texas Panhandle. The area is noted for grain and cotton farming as well as oil and gas production."

The Beacon is unsure where the publication received the "oil and gas production" information.

WHITFILL INVOLVED

Jimmy Whitfill, a Lockney native, has been associated with the Los Alamos National Laboratory for a number of years. He was puzzled why the project was named Lockney instead of a larger town in the Lone Star state.

Whitfill is the son of Mr. and Mrs. W.E. (Billy Edd) Whitfill of the Lockney community.

A logo is designed for each of the specific tests. Shown below is the colored logo designed for the Lockney project.

According to the Newsbulletin, "The event was supervised by personnel from the J Division (Field Test) office. Essentially all technical divisions of the laboratory make significant contributions to the Los Alamos underground nuclear test program." It is operated by the University of California.

The test device is assembled at NTS. Experienced Los Alamos design and assembly personnel perform all of the tasks, including device placement in the diagnostic rack at ground zero.

TCA&F system is "designed and operated to be reliable, rugged and redundant, but it must also provide for the maximum in safety and control. Before any electrical connections to the device are made, the system is thoroughly tested and many dry runs are conducted to ensure complete compatibility.

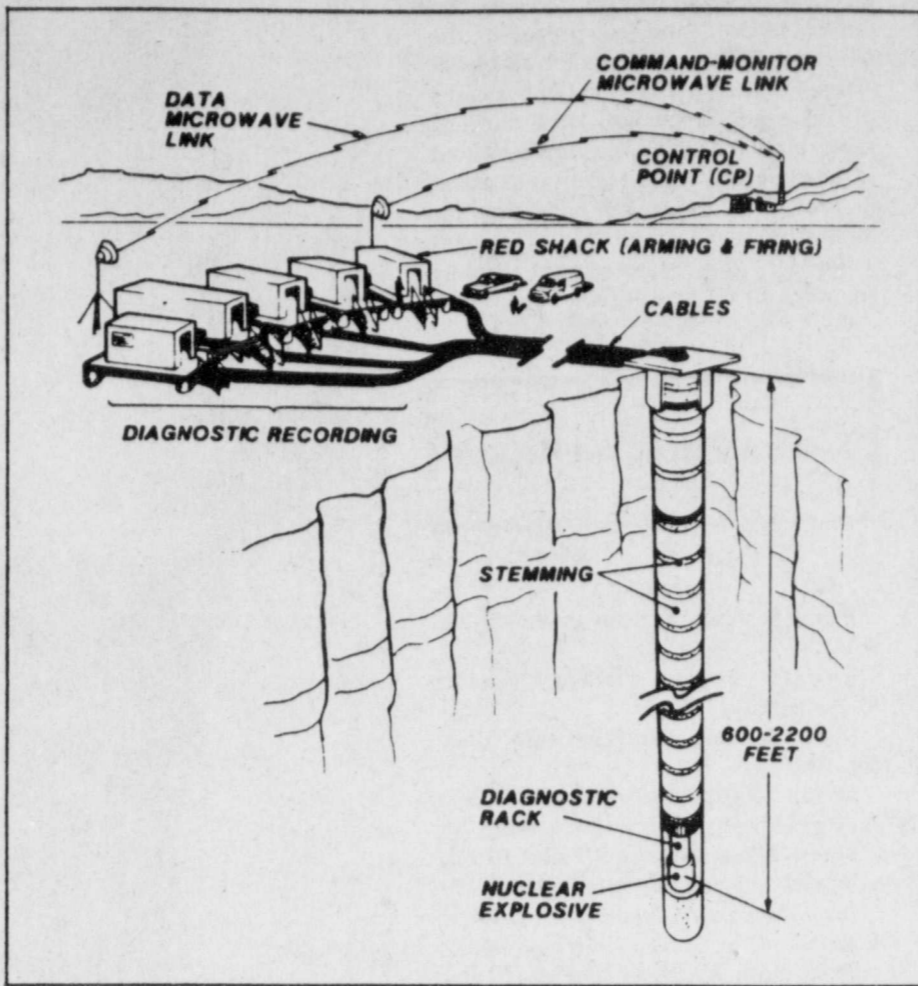
"Device diagnostics, which measure the various nuclear outputs of the test, must be designed to detect and record these data before the sensors and coaxial cables are destroyed by the detonation, usually within a fraction of a millisecond. The information is sent uphole by cables or fiber optics to very fast optical recording devices or to digitizers for storage in a computer memory.

"The recording stations are only a thousand feet or so from ground zero and so must be able to withstand the ground shock from the detonation. Much of the data is also transmitted by microwave to the control points (CP) several miles away for recording.

"Engineering data such as temperature, pressure, acceleration, shock, radiation, ground motion and seismic signals are also obtained. These data assist in equipment design, containment predictions and effects evaluation."

NO PUSHING BUTTON

Contrary to popular belief, there is no "pushing the button." Most signals are sent by an automatic sequencer that typically cycles through its program in 15 minutes. Power is turned on, coded signals are sent to "unlock" the system and high voltage is applied to the firing unit. A final "fire signal" is sent and



It's CLOSE for tickets...

Continued from Page One

Missing four on the contest and also receiving honorable mention were Retha Wofford, Mike Means, Roy Saucedo, Brent Sanders and Brandon Widner.

FOOTBALL TICKET RACE

As proof that the standings for the football contest can change from week to week, this week's contest, with its upsets, also upset the standing for the

tickets to the Dallas Cowboys game.

Moving into first place this week is Cindy Means with 66 points. Closely following her is Johnny Dorman with 65 and just behind Dorman with 64 points is Mike Means. Also just three points from first place, with 63 points is Boyd Lee.

Having 62 point totals are Karla Josey and Retha Wofford. Dickie McCarty, Dr. Gary Mangold and girls, Kenneth Wofford, and Roy Saucedo each have 61 points.

Those with 60 points include Slick Stennett, Joe Copeland, Ronnie Hardin, Jared Mosley.

W.L. Carthel and Phil Cotham have 59 points each and Clementine Carthel has 58 points. And just ten points from first place is Eddie Fortenberry with 56.

There are just ten points separating the first and last places in the race for the tickets and there are 18 entrants in contention. Remember to get entries in each week and don't be discouraged since one week of upsets can change the entire outlook of the contest.

the device is detonated.

"There is not much to see as the detonation occurs. Puffs of dust due to ground shock waves may rise from the immediate ground-zero area and from nearby craters," according to the Nevada Operations Office, U.S. Department of Energy (DOE).

Structures in the recording trailer park will jump and sway. In a few seconds a ground roll or two may be felt in the CP and, in the case of a large-yield shot, in the high rises and casinos of Las Vegas, 100 miles away.

The most spectacular occurrence may be the later collapse of the area immediately surrounding ground zero. Tremendous temperatures and pressures are generated by the energy released by the nuclear detonation and a pool of molten earth and rock is formed deep underground in a "room" or cavity.

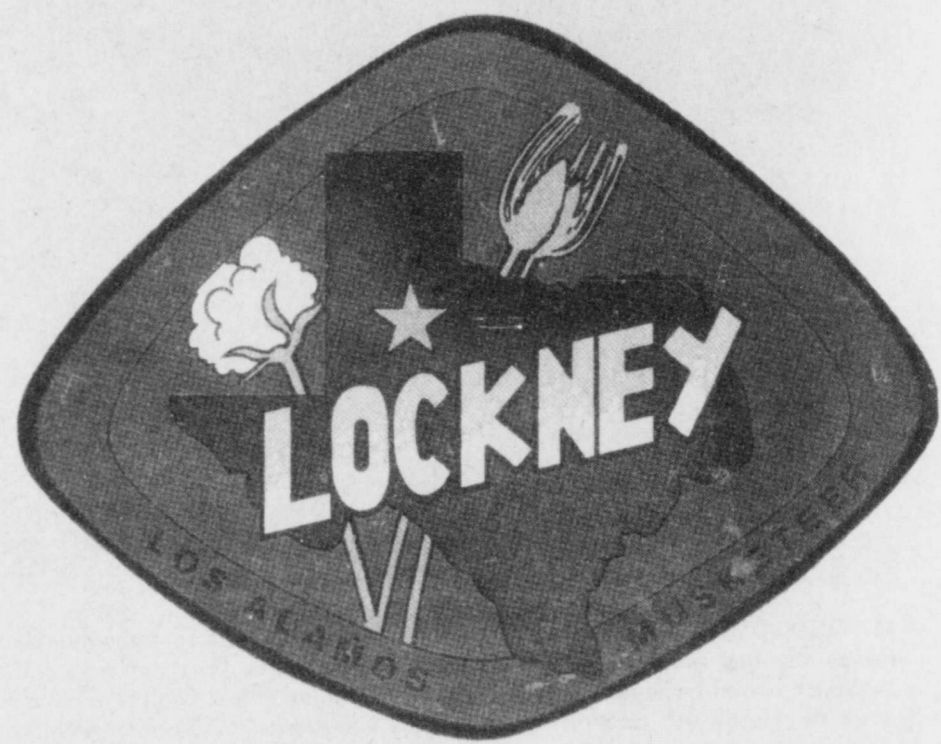
As the temperature slowly drops, the pressure is relieved and the roof of the cavity will start to drop in, and eventually a partial chimney is formed (not extending to the surface). When

the supporting strength of the earth above the chimney is exceeded by the weight of the overburden, a sudden collapse will occur and a large crater forms on the surface. "It is quite a sight!" according to the publication.

The test is over, but the work is only starting for the many people who will recover radioactive samples for analysis, retrieve the valuable data from their recording devices and sort out the mass of information for the designers.

"The months, even years, of planning, designing, building and fielding of a nuclear test by the hundreds of people involved will increase our knowledge and will eventually strengthen the nuclear deterrent capabilities of our country," according to DOE.

In support of U.S. nuclear weapon needs, the Los Alamos National Laboratory is engaged in the design, development and testing of nuclear explosives. Since 1963, when the Limited Test Ban Treaty was signed by the United Kingdom, the Soviet Union and the United States, "nearly all U.S. nuclear tests have been conducted deep underground at the Nevada Test Site (NTS)."



Go Horns!



WATCH FOR THE SIGNS...



Maximum legal speed for cars, motorcycles, commercial buses and light trucks in rural zones of Interstate designated highways only.



Still the maximum legal speed permitted in most highway zones.

...it's to your safety advantage.

A courteous reminder from the DPS Troopers.

October 17 10 a.m. - 6 p.m.

GRAND OPENING

HUTSELL JEWELRY

in Silvertown
J.H. Classics

Check our fantastic FALL SALE
Browsers Welcome

Free Gifts & Flowers Refreshments

FREE Gifts & Flowers for first 100 guests to register
Register for \$250⁰⁰ Gift Certificate
(No purchase necessary - Do not have to be present to win)

- ...Fine Jewelry
- ...Gold-Silver-Diamonds
- ...Fashion & Costume Jewelry
- ...Antique & Estate Jewelry
- ...Remount & Design service available-
Special orders

- ...Unique Gifts - something for every-
one and every occasion
- ...Watches - Selko-Pulsar-Geneva
- ...Watch & Jewelry repair
- ...Ring sizing & engraving
- ...Appraisals

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We are offering a complete jewelry line.*

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Junis Hutsell
513 Commerce
Silvertown
Located in the Farm Bureau building
In the Square

Store Hours - Until Thanksgiving
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