

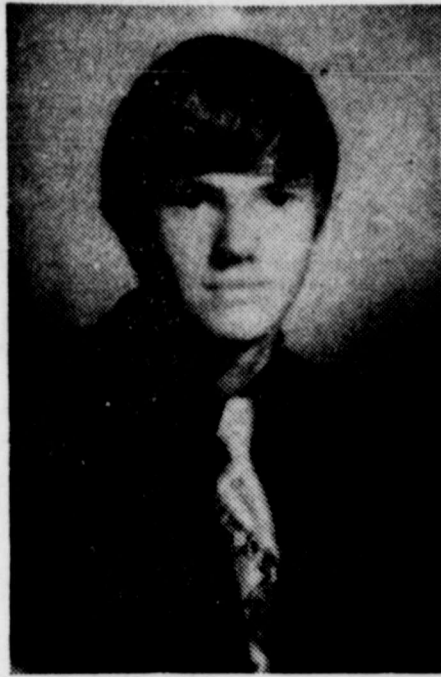
# Robert Lee Observer

Vol. 84, No. 23

Robert Lee, Coke County, Texas (76945), Thursday, Dec. 6, 1973

Single Copy 10¢

## Santa Is Coming December 15



**BAND BEAU**—John Bill Brock, son of Mrs. Leon Russell, has been selected as Band Beau for this year. He is a senior and has been in Band four years, in Stage Band one year and played football one year.



**BAND SWEETHEART** — Brenda Adams, a senior, is Band Sweetheart this year. She is the daughter of Mr. and Mrs. O. B. Adams. She has been in Band four years, FHA two years, was an officer her sophomore year and in FTA one year.

### Consolation Trophy Goes to R-Lee Girls

Robert Lee girls took consolation at the Forsan tournament and received a trophy for their efforts. The boys went into the consolation bracket, also, but lost to Sands in the finals.

**Girls Games**

The girls lost their first game

to Forsan 53-46. Scoring were Liz Bickley 22; Audrey Walker 14; Rhonda Askins 10.

In their second game it was Robert Lee 50, Forsan 23. Rhonda Askins made 17; Walker 14; Phyllis Duncan 12; Anna Rowoldt 5; Bickley 2.

In the consolation finals it was 47-25 over Sterling City. Walker had 22; Bickley 16; Askins 9.

Guard Karen Bagwell was selected for the all-tournament team.

Sonora girls came here Tuesday night for district games. The A girls lost their game by one point and the B girls won.

The A girls lost to Sonora 35-34. Bickley was high with 14; Walker and Askins had 10 each.

In the B girls game it was Robert Lee 45, Sonora 22. Virgilla Strong was high pointer with 24; Marilyn Wright had 9; Betty Bazar 6; Kathy Deen 4; Rosa Sanchez 2.

The girls A and B teams go to Menard Dec. 11 for district contests.

**Boys Games**

In the Forsan tourney the Forsan boys topped Robert Lee 55-45

Continued on Back Page

### Plans Made for Christmas Paper

Robert Lee Observer's annual Christmas edition will be published Dec. 20. Pictures, features and letters to Santa Claus from the young ones will highlight the edition. Children can address their letters to Santa Claus, c/o Observer Office, Robert Lee, Texas 76945.

Greeting advertisements are ready now and everyone is invited to come in and pick out an ad to send Christmas greetings to friends and customers.

### Thanks, Everyone

Our sincere thanks to many persons for helping make this special Soil Conservation Edition possible. It's been lots of work and we could never have done it without the help of personnel of the Soil Conservation Service. Our special thanks to Eph Cummins, L. L. Wilkins and Rex Brand for providing us with so much information.

Of course, we want to thank our advertisers, who also had a big hand in making this edition possible. Very few businessmen turned us down when we asked them to buy an ad. We appreciate your generosity and your concern with this matter of saving our soil and water.

Thanks to everybody who helped us in any way.

### Mrs. Roberts First In Dress Revue

Mrs. Bobby Roberts was chosen as the state first place winner at the Make It Yourself with Wool Contest in the adult division. The state finals were held last Saturday in the Houston Harte University Center Ballroom at Angelo State University.

Theme for the show was "Woolen Wonderland" and a fashion show climaxing the activities was presented at 1:30 p.m. in the University Center with Pat Attebery as commentator. The show was open to the public.

Mrs. Roberts entered and modeled a 100 per cent wool red knit suit she had made.

Contestants from 10 districts competed in the finals.

Mrs. Jack Groff of Kerrville, president of the Texas Sheep and Goat Raisers Association Auxiliary, presented awards to the winners. Mrs. Roberts was presented a \$200 check from the association.

Mrs. Roberts is the daughter of Mr. and Mrs. Floyd Harmon of Robert Lee.

Mary Elaine Lackey was a contestant.

Continued on Back Page

Plans are continuing for the big Christmas Party and visit from Santa Claus Saturday, Dec. 15. The party will be sponsored again this year by the BCD, with help from the City of Robert Lee, Robert Lee Fire Department, Robert Lee-Silver Lions Club, Robert Lee Steer Band, Robert Lee business firms, Coke County Sheriff's Dept.—and Santa Claus.

Latest word from Santa Claus is that he will be here shortly after 2 p.m. to pass out candy and visit with his Robert Lee friends. He said he was hoping for a pretty day, adding "I've seen all the ice and snow I want to see for awhile."

Plans call for Santa to ride into town on the big red fire truck and to have a sack of candy for every kid who comes to town to see him. After the candy is passed out, there will be some time for visiting and making Christmas gift requests.

Kids of all ages should mark the Dec. 15 date on their calendars and make plans to be in Robert Lee.

### Steers Make 9-A All-District Team

Robert Lee Steers had three berths on the District 9-A all-star squad which was named Monday by coaches.

Lyn Sockwell was selected for a slot on both offensive and defensive teams, and Cliff Cole rated a spot on the defensive team. Sockwell was chosen as a running back and for a spot in the secondary on defense. Cole was selected as a lineman.

Cole was also selected as the second team center and Jeff Eubanks picked up a guard spot on the second team offense. On the second team defense Mitch Coolcy was named as a linebacker.

Several honorable mentions went to Steers including Bill Rowoldt, quarterback; Mitch Coolcy, offensive tackle; Ricky Mashburn, offensive end; Jeff Eubanks, defensive lineman; Craig Bessent, defensive end; and Wibby Millican, secondary.

District champions Eldorado and Junction each placed six men on the 25 man team, while Mason had five, Sonora and Robert Lee three each and Wall two.

**First Team Offense**

Quarterback: Lindell Estes, Sr., 181, Mason.

Runningbacks: Cole Leifeste, Jr., 180, Mason; Mike Manning, Sr., 165, Eldorado; Lyn Sockwell, Jr., 155, Robert Lee; Karl Braden, Sr., 180, Wall.

Center: Lynn Molesworth, Sr., 160, Junction.

Guards: Frank Martinez, Sr., 200, Eldorado; Tim Chandler, Sr., 190, Junction.

Tackles: Walter Hahn, Sr., 242, Mason; Ladd Turner, Sr., 235, Sonora.

Ends: Randy Hill, Sr., 175, Sonora; Darryl Weishufn, Sr., 155, Wall.

**First Team Defense**

Linemen: Walter Hohn, Sr., 242, Mason; Frank Martinez, Sr., 200, Eldorado; Tim Chandler, Sr., 190, Junction; Lynn Molesworth, Sr., 160, Junction; Cliff Cole, Sr., 155, Robert Lee.

Linebackers: Cole Holland, Sr., 182, Junction; Mike Manning, Sr., 165, Eldorado; Mart Mertz, Sr., 145, Eldorado; Oscar Sepeda, Sr., 185, Junction.

Secondary: Larry Eckert, Jr., 127, Junction; Gene Nixon, Sr., 165, Eldorado; David Wallace, Sr., 145, Sonora; Lyn Sockwell, Jr., 155, Robert Lee.



Mrs. Bobby Roberts

### JR. HIGH FOOTBALL BOYS HONORED WITH PARTY

The Junior High football boys were honored with a party last Thursday night in the old gym at school. The party was given by the Junior High pep squad and cheerleaders and their sponsor, Mrs. Melba Mauldin. Sandwiches, cookies and punch were served and games were played.



**TWIRLERS, DRUM MAJOR** — A fine addition to the performances of the Robert Lee Steer Band are these four girls, from left, Sheila Roberts, twirler; Phyllis Wojtek, drum major; Karen Bagwell, head and feature twirler; Phyllis Duncan, twirler.

### BIG CROWD ATTENDS DAWN'S OPEN HOUSE

A large crowd attended the Christmas Open House at Dawn Floral & Specialty last Friday. Fifty persons were registered. Mrs. Elzie Cox was winner of the door prize, a Christmas window decoration. Refreshments were served throughout the day as each came by to see the new Christmas merchandise on display.





**Robert Lee Observer**  
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 Managing Editor ..... Mary L. Price

Phone 453-2433

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Your pharmacist strives to serve in many ways ... by bringing you the finest drugs available at the lowest price possible, by offering his knowledge.

**Congratulations to Coke County SCD**

**May Your Progress And Development Continue—**

**HURLEY PHARMACY**

Thou visitest the earth and waterest it; thou greatly enrichest it with the river of God, which is full of water; thou preparest them corn, when thou hast so provided for it.—Psalm 65:1

The pastures are clothed with flocks; the valleys also are covered with corn; they shout for joy, they also sing.—Psalm 65:13.

**PERSONALS**

Mrs. Sam McDonald spent the Thanksgiving holidays in San Angelo visiting her daughters, Mrs. ant and Mrs. Clovis Ford and Mr. Pat Mackey, Mrs. Dorothy Bry-Ford. On Wednesday another daughter and her husband, Mr. and Mrs. Donald Sims of Waco, were in Robert Lee and visited Mrs. McDonald. They also attended graveside services for Mrs. Dan Johnson in Bronte. Mr. and Mrs. Ford were in Robert Lee Sunday to see Mrs. McDonald.

Recent visitors of Mr. and Mrs. Raymond Bloodworth and Charles of Silver were Mr. and Mrs. Carl Bloodworth, Lori and Amy of Valley Mills; Mr. and Mrs. Charles Askins, Chuck and Miki of Euless; Mr. and Mrs. Kenneth Hester, Shelly and Lintle of Portland; Mrs. Ken Bennett and Kenney of Wichita Falls; ReNai, Melody, Mike, Ricky, Matt and Daryl Dumas of Abilene; Wilton Robertson and Corky of Odessa; Donald Robertson and Bonnie Robertson of Robert Lee; and Lonnie Bloodworth of Texas A&M.

Here for Thanksgiving with Mrs. Ethel Green were Mr. and Mrs. J. D. Green of Carlsbad, N. M.; Mr. and Mrs. J. C. McBride and Scott of Big Spring; Mr. and Mrs. Garlon Green, George and Nan of Austin; Mr. and Mrs. Joe Henson, Jill and Jay of Lockney; Mr. and Mrs. Sammie Behrends and Robby of Midland; Mr. and Mrs. James Fields and Carrol Green of Abilene; Mr. and Mrs. John Augustine and Carol Ann of Austin; Mr. and Mrs. Billy C. Green and Jan of Robert Lee.

Out of town visitors of Mr. and Mrs. Calvin Wallace during the Thanksgiving holidays were: Mr. and Mrs. Travis Allen and Myra of Englewood, Colo.; Margaret Allen of Lubbock; Mr. and Mrs. Rick Srikijkarn of Arlington; Mr. and Mrs. Gilbert Wallace of Pecos; Mrs. Henrietta Payne of Clovis, N. M.; Mr. and Mrs. Kenneth Pickett and daughters and Mr. and Mrs. Bob Harris and Gayla of Burkburnett; Mr. and Mrs. Ernest Lowrance and granddaughter of Lawn; Mr. and Mrs. Jackie Smith of Stillwater, Okla.; Tommy Williams of San Angelo. From Robert Lee were Mr. and Mrs. Royce Wallace, Morris and Wade, and Mrs. Edna Havins, Jane and Linda, and Robert Reese.

Mr. and Mrs. Garland Davis and family of Medina spent the Thanksgiving holidays in Robert Lee with her parents, Mr. and Mrs. R. C. Sawyer, and other relatives.

**64 STUDY CLUB PROGRAM ON ADELE DAVIS BOOKS**

The 64 Study Club met Monday night, Nov. 26, in the home of Mrs. D. P. Walling. Mrs. Jimmy Bickley and Mrs. O. W. Newell were co-hostesses. Seventeen members and several guests heard Mrs. Wilson Bryan give a review of Adele Davis' books, "Let's Eat Well" and "Let's Cook It Right."

Recent visitors of Mr. and Mrs. Bert Blaylock were Mr. and Mrs. Orville Lee White and Kathryn of Henderson; Mr. and Mrs. Phil Lawder and children of New Mexico; Mr. and Mrs. Bob Thomas and Jim Bob of Dallas; Mr. and Mrs. Gary Preston of Dallas; Mr. and Mrs. Dwight York of Garland; Dr. and Mrs. Dunn of Houston; Mr. and Mrs. Virgil Waddell of Port Arthur; Mr. and Mrs. Lee Roy Holy of Deer Park; and Mr. and Mrs. Earl Bradley of Robert Lee.

**Lunchroom Menu**

Monday, Dec. 10: Hamburger patties and gravy, creamed potatoes, combination salad, hot rolls and butter, milk and jelly.

Tuesday, Dec. 11: Sausage whirls, pears with cottage cheese on lettuce, crackers, milk and applesauce cake.

Wednesday, Dec. 12: Pinto beans with salt pork, buttered potatoes, mixed greens, corn bread and butter, milk and apple cobbler.

Thursday, Dec. 13: Hot dogs with chili, buttered corn, cole slaw, buns, potato chips, milk and vanilla pudding.

Friday, Dec. 14: Turkey and dressing with giblet gravy, candied sweet potatoes, cranberry sauce, green beans, hot rolls and butter, milk, rainbow Jello with cream.

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Give mom a gift she will enjoy for years to come... a portable or built-in dishwasher. Your local appliance dealer will help you select the correct model and size for your family needs.

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**PERSONALS**

Mr. and Mrs. Jerry Haley and Ladanah of Richardson and Mr. and Mrs. Doyle Haley of San Angelo spent the weekend with their parents, Mr. and Mrs. Ted Heley. The men went hunting and killed three deer and three turkeys.

Mr. and Mrs. W. L. Thornton had all their children and families home over the Thanksgiving holidays. They are Mr. and Mrs. Jesse Ray Robertson and Ray of Rockport; Mr. and Mrs. Boyd H. Hodge, Glenn and Jeff of Garland; Mr. and Mrs. Robert L. Gordon, Richard and Steve of Odessa; Mr. and Mrs. Bailey Grayson and Lauri Michelle of Alice. Lauri Michelle is a great-granddaughter of the Thorntons.

Observer want ads are very effective and cost very little.

**BIRTHS**

Kacey Lane is the new baby girl of Mr. and Mrs. Eugene Kegans of Leonard. She was born Tuesday, Nov. 20, 1973, at Citizen's General Hospital in Greenville and weighed 8 pounds, 8 ounces. She has one brother, John Baxter, who is 2½ years old. Grandparents are Mr. and Mrs. Fred Lane Beatty of Robert Lee and Mr. and Mrs. Herbert J. Kegans of Trent, Mrs. Beatts. They are Mr. and Mrs. Jesse Lane's great-grandmother.

Mr. and Mrs. Beatty spent last week in Leonard visiting the Kegans family and making the acquaintance of their new granddaughter.

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**One-third Off**

**Speidel Fashion Neckchains**

Sterling Silver or 14 K Gold

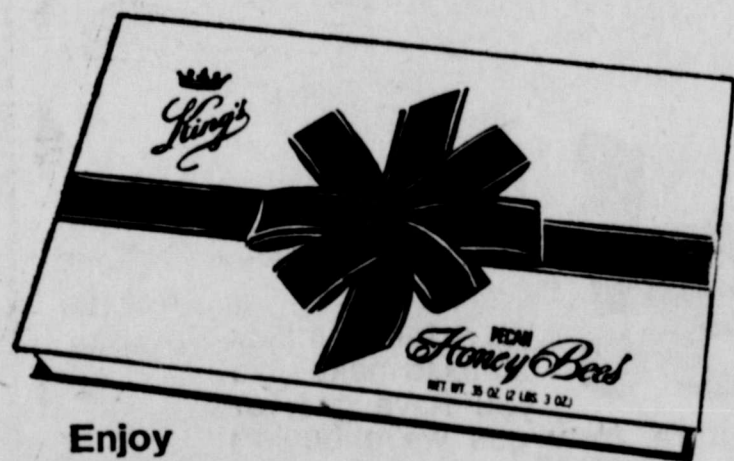
Retail 1.25 to 11.00

**One-third Off**

**Wild Cricket Table Lighter**

Retail 3.95

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**King's**

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LIKE IT WAS BACK THEN

CASH ONLY ON SALE MERCHANDISE

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ARE HERE—GET YOURS NOW!

**Round Steak lb. \$1.39**

- HORMEL WIENERS - - 1 lb. pkg. 99c
- HORMEL CANNED HAM extra lean - 3 lbs. \$5.98
- RATH PURE PORK SAUSAGE - 2 lb. bag \$1.89

- Libby's Frozen Orange Juice - - 12 oz. can 43c
- COOL WHIP - - - - - 9 oz. crt. 59c
- Ole South Pie Crust - - - - 2 pan pkg. 39c
- Bird's Eye Broccoli Spears, 10 oz. pkg. - 3 for \$1.00
- Bird's Eye Summer Squash - - - 4 pkgs. \$1.00

14 Oz. Bottle

3 for

**Delmonte Catsup \$1.00**

- Delmonte Stewed Tomatoes, 303 size can - 3 for \$1.00
- Delmonte Tomato Wedges, 303 size can - 3 for \$1.00
- Delmonte Cut Green Beans, 303 size can - 4 for \$1.00
- Delmonte Sweet Peas, 303 size can - 4 for \$1.00
- Delmonte Spinach 303 size can - - 5 for \$1.00

32 Oz. Bottle

**Mop & Glo \$1.19**

- Dow Bathroom Cleaner - - - 20 oz. can 79c
- Bon Ami Spray Cleaner - - - - 15 oz. can 53c

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- Pepto Bismol Liquid - - - - 12 oz. bot. \$1.19

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### Coke Roundup Said Successful

Thurston McCutchen, manager of Rangemaster Molasses of Robert Lee, reported the feed company's first annual Coke Roundup was a big success. The affair was held in the Robert Lee School cafeteria Nov. 28 at 7 p.m.

McCutchen said about 100 interested area stockmen attended the free barbecue and meet. Dr. Lowell Schake of Texas A&M University was the featured speaker. The feed specialist said, "Basically, stock need dry grass for energy, but during the winter months, supplementing protein, vitamin A and phosphorous is vital."

Joe David Ross, Sonora veterinarian, rancher and A&I breeder, spoke to the group on his use of the new biuret based liquid feed and gave a demonstration on the feed's grain suspension qualities using ground milo and ground corn.

McCutchen said the West Texas area ranchmen's interest in supplemental feeding "which will help carry breeding and other livestock through the winter" has prompted him to schedule the second Roundup.

McCutchen has been in the liquid feed business several months and says liquid feed provides an easy way to assure that livestock are getting the vitamins and minerals they need.

#### FUNERAL IN MILES TUESDAY FOR S. D. CHILDRRESS, 88

Funeral services for S. D. Childress, 88, of Rio Concho Manor in San Angelo, were held at 3 p.m. Tuesday in Miles United Methodist Church with the Rev. Warren Ellis officiating. Burial was in the Miles Cemetery.

Mr. Childress died Sunday in Clinic Hospital in San Angelo. He was born July 25, 1885, in Mississippi and moved to Texas in 1892 in a covered wagon. He moved to Miles in 1904 and operated a variety store in the same block for 50 years. He was married to Ora Gertrude Perry Oct. 21, 1909, in Miles.

Survivors include his wife; three daughters; eight grandchildren; and 15 great-grandchildren.

He was an uncle of Mrs. Victor Wojtek of Robert Lee. Victor Wojtek served as a pallbearer.

#### FIREMAN AUXILIARY MEETS

The Volunteer Fireman's Auxiliary met Monday, Dec. 3, at 7 p.m. in the City Hall. It was decided the Auxiliary will set up a booth downtown Dec. 15 to sell fruitcakes. After the meeting adjourned, the Auxiliary met with the firemen and others in seeing slides on first aid treatment given by Sam Williams.

#### BCD MEETING CALLED OFF

The BCD meeting which was scheduled Tuesday was called off because the cook, Mrs. Mary Strong, was ill. The regular meeting will be held next Tuesday at noon.

Mrs. Ruth Davis and her son-in-law, Vyril Chilton, of Moriarty, N. M., were here several days over Thanksgiving to visit Mrs. Davis's mother, Mrs. Fronie Scarborough. While here, they toured the home of Mr. and Mrs. T. K. Whiteside. They spent one night with Mrs. Charlie Snowden of Colton who is a sister-in-law of Mrs. Davis.

**BE WISE, INVEST REGULARLY IN U. S. SAVINGS BONDS. THEY ARE YOUR BEST INVESTMENT FOR A GUARANTEED INCOME TO CARRY OUT THOSE BIG PLANS YOU'RE MAKING.**

#### VISIT IN CHILDRRESS HOME

Mrs. Mary Boyd of Dallas returned to her home Wednesday, Nov. 28, after visiting several days here with Mr. and Mrs. Melvin Childress and Mr. and Mrs. O. D. Adkins. She also visited with Mr. and Mrs. Howard McCullough in San Angelo. Mrs. Boyd is a sister of Mrs. Childress and Mrs. Adkins, and Mr. McCullough is the

ladies' brother.

Gathering in the Childress home Sunday, Nov. 25, for a Thanksgiving dinner were Mr. and Mrs. E. (E) Braswell and family of Sweetwater; Becky Sheppard of HSU, Abilene; Mr. and Mrs. Leslie Copeland and Daryl and Mr. and Mrs. Gary Williams of Robert Lee; Mr. and Mrs. Howard McCullough of San Angelo; and Mrs. Mary Boyd of Dallas.

On Tuesday, Nov. 27, Mrs. Childress, Mrs. Adkins, Mrs. Boyd

and Mr. and Mrs. McCullough the day with another sister, Mrs. Russ Lord.

## STOCKMEN!

### NOW IS THE TIME!

Don't let the gas rationing let your stock go unfed —this winter—Let Rangemaster supply and assure you of feed for your stock.

If you have field stubble or pasture land, utilize it completely with RANGEMASTER Liquid Feed Supplement (with vitamins, minerals, protein, and molasses for energy.) YOU can winter cheaper and better with RANGEMASTER LIQUID FEED.

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Question:

# Will you have enough natural gas for your home this winter?

Answer:

# Yes!

Let's lay this question to rest once and for all. Lone Star Gas Company has enough natural gas reserves under contract to adequately supply our residential, commercial and other higher priority customers for many winters.

To be sure we have enough for these consumers, we will make some extensive curtailments of service to our large volume customers during extreme cold weather this winter. In fact, our contracts with large volume customers anticipate the need to curtail up to 100% of their needs during these cold periods. This allows us to assure service to residential, commercial and other higher priority customers.

We're taking major steps to make sure you have gas for the future. New gas we're buying costs more than *four times the price* we paid just a few years ago. This is an astonishing amount of money! But it's the price all of us must pay for a continuing supply of natural gas energy.

This winter, and in the future, natural gas from Lone Star will continue to be your best method of home heating, water heating and cooking... just as it has been for more than 40 years. But we all must remember to help conserve this precious energy fuel.

Lone Star Gas



Clean Energy for Today and Tomorrow





**BIG STRIPER** — Hank Baker of Robert Lee proudly displays this big striped bass which he caught Thursday morning of last week. The big fish weighed 13 pounds.

### Cold Weather Nips Coke Area

With an icy breath of winter continuing, the skies were partly cloudy Wednesday morning and chilly temperatures prevailed. Wednesday's reading climbed into the mid-60s.

With cold fronts moving through this region pretty regularly now, it has been quite cool early mornings with cold winds blowing almost every day.

Last Thursday morning the temperature dropped to 26 degrees and Jack Frost got a nip at quite a few noses.

Showers were forecast for Monday but only a sprinkle was received before the wind blew the clouds away. However, there were reports of some sleet early Monday morning.

Light snow was reported as far down as near Odessa Monday. Dalhart had two inches of snow early Tuesday and Amarillo had one inch on the ground.

#### FUNERAL SERVICES HELD FOR JIM HAMBRIGHT

Funeral services were held at 3 p.m. Tuesday for Jim Hambricht, 73, of Norton. He died at his home Sunday night. He was a retired farmer and had lived and farmed in the Norton community since 1909.

Services were under the direction of Allen-Davis Funeral Home of Ballinger and were held in the funeral home chapel. Burial was in Garden of Memories Cemetery in Ballinger.

Survivors include his wife; two sons; two brothers; three sisters; and five grandchildren. He was an uncle of Elwood Hambricht of Robert Lee.

Mrs. Velma Denman spent last weekend in San Angelo with Mrs. J. D. Williamson.

Mr. and Mrs. Glenn Waldrop had all of their children and families home over the Thanksgiving holidays. They are Mr. and Mrs. David Waldrop and Stacey of Portland; Mr. and Mrs. Dick Waldrop, Jaynell and Jennifer of Corpus Christi; and Riley Waldrop who is a college student at Snyder. Also visiting the Waldrops recently were Mike Robbins of Hamlin, Rickey Medford of Stamford, Lynn Rampy of Silverton, Rev. and Mrs. John Hix of Hamlin, Steven Miller of Midland and Mr. and Mrs. Tom Rives of Robert Lee.

#### GOOD CROWD ATTENDS "SUDDEN DEATH" PROGRAM

About 40 persons attended the showing of slides on "Sudden Death and How You Can Prevent It," shown by Sam Williams at the City Hall in Robert Lee Monday night.

The films were furnished by the American Heart Association.

Following the showing of the films and commenting on them, Williams gave a demonstration on cardio-pulmonary resuscitation.

Among those attending were some Boy Scouts and Webelos from Bronte and their leaders.

### Jr. Hi Splits Games with Sterling City

Robert Lee junior high girls won their game Monday night at Sterling City while the boys lost theirs.

The girls took Sterling City 47-34. Stella Bickley was high scorer with 19 followed closely by Cin-

dy Ash with 18; Vicki Gartman and Brenda Cooley 4 each; Cindy Walker 2.

Coach Ronnie Ruff credited outstanding defensive playing to Audrey Williams, Betty Flowers, Patti Cole and LaJonna Deen.

Sterling City downed the junior high boys 29-10. Scoring for the locals were Mickey Baker 4; Terry Ross, David Lackey and Clay Allen 2 each.

Next junior high games will be Monday night, Dec. 10, when Water Valley comes here for games which will start at 6 p.m. Sterling City will be here for boys and girls games Tuesday, Dec. 11, starting at 4 p.m.

#### CARR RITES HELD SUNDAY



Funeral services for Rufus Dean (Pete) Carr, 44, of Ranger were held Sunday in Ranger. Mr. Carr died Friday at 12:30 a.m. in his home.

Among the survivors is Mrs. Lillian Shook of Robert Lee, who is a sister.

### BIRTHS

Jennifer Lea is the new daughter of Mr. and Mrs. Robert A. Lomas. She was born Friday, Nov. 30, at 2:44 p.m. in Sharon Hospital in San Angelo. She weighed 7 pounds, 5 ounces and was 19 3/4 inches long. Grandparents are Mr. and Mrs. Robert Vaughan and Mr. and Mrs. George Lomas of Robert Lee. Great-grandparents are Mr. and Mrs. W. B. Wollet of Healdton, Okla., and Mrs. Oma Lomas of Pampa. Mrs. Lola Callahan of Wilson is a great-great-grandmother. The mother is the former Vernay Vaughan.

## CONSERVATION DOESN'T COST— IT PAYS

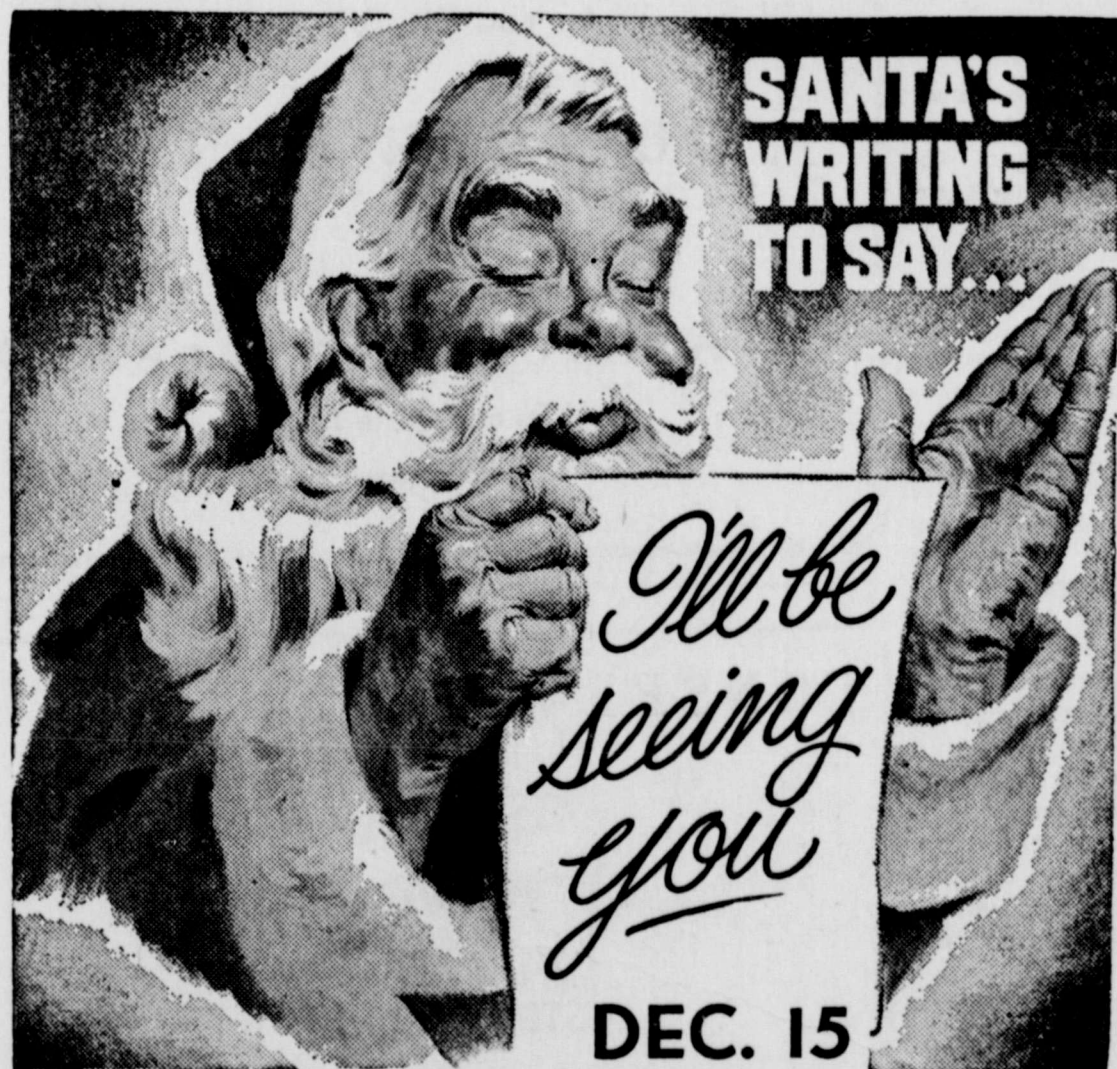
### Conservation Pays— In a Thousand Ways

IT PAYS —

- \* The farmer, in bigger yields from better soil.
- \* The rancher, in better grass, more beef and wool.
- \* The businessman, by putting more dollars in circulation.

## CROCKETT GIN

NORTON, TEXAS



The annual Christmas Party and visit from Santa is sponsored each year by Robert Lee business firms as a small token of their appreciation for your patronage during the past year. It is for everybody and YOU are invited to be present.

# SANTA'S

COMING TO

## Robert Lee

2 P.M. — COURT HOUSE PARKING LOT  
**FREE - Candy from Santa**

Parade Featuring Robert Lee Steer Band  
Begins at 2 P.M.

Sponsored By

## Robert Lee BCD

Assisted By:

- \* City of Robert Lee
- \* Santa Claus
- \* Robert Lee Fire Department
- \* Robert Lee Business Firms
- \* Robert Lee-Silver Lions Club
- \* Coke County Sheriff's Dept.
- \* Robert Lee School Band
- \* Robert Lee Boy Scouts

# Everybody Is Welcome



**CONSERVATION  
Of All Our Resources  
The Responsibility Belongs  
To Everyone  
Because Everyone Benefits  
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Each has a stake in conserving our soil and water, because conservation of our God-given heritage is the keystone to keeping our nation strong and prosperous.

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FOR ALL OF US**

Farmers and ranchers have the job of maintaining the nation's most important resource—the soil. It is a big responsibility.

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**Robert Wink Has  
Article in Range  
Management Mag**

(Editor's note: The following article was written by Robert Wink, vocation ag. teacher at Canyon, who grew up in Robert Lee. We thought this Soil Conservation Edition would be an especially appropriate paper in which to publish it. Wink's article was published in the September issue of The Journal of Range Management, a magazine with international circulation which presents technical information to ranchers and researchers. The article was based on Wink's master's thesis while at Texas Tech University and was co-authored by Dr. Henry Wright associate professor at Tech.)

**EFFECTS OF FIRE ON AN  
ASHE JUNIPER COMMUNITY**

Prescribed burning was used to determine the effects of fire on dominant grasses and to determine the minimum amount of fire fuel (less than 1/4 inch) required to effectively consume dozed juniper (blueberry cedar) piles and kill young juniper trees on a ranch between Baird and Cross Plains, Texas. Fire was used two years, with one year being unusually wet and the next being unusually dry.

The burn of the wet year showed that little bluestem, sideoats grama and tall grama increased in production following the burn, while vine mesquite grass and meadow dropseed decreased slightly. The next year was dry and the reverse was true. Vine mesquite and meadow dropseed increased in production, sideoats decreased and little bluestem and tall grama was unchanged.

About 1,000 pounds of fire fuel was required to carry a ground fire. Where the fire carried, better than 95 per cent of the dozed brush was consumed and 95+ per cent of the juniper less than three feet tall were killed.

During the wet year, grass cover had completely recovered in six weeks. During the dry year the grass did not recover until the rains of late July came. By late August all grasses were producing more in the burned area than the unburned area.

The fires were conducted on the Bob Beckham ranch 10 miles southeast of Baird. Fire lines were constructed around the area to be burned. Strips about 300 feet wide were burned out on the leeward side before a headfire was set. The fires were set in late March and early April. Weather conditions for the prescribed burns were: temperature, 40-70 degrees F.; wind, 10-20 m.p.h.; and relative humidity, 30-50 per cent. The burns were conducted by a research team from Texas Tech with Dr. Henry Wright the head professor. Usually six persons with a Caterpillar, water pump mounted on a pickup, and hand tools conducted the burns. No trouble was had in keeping the fires inside the area that was to be burned.

The main thing to remember before using prescribed fires to control burns and not hurt grass production is soil moisture. If moisture is present following a fire, grasses will start growing about two weeks before it normally does. The black surface following a fire increases soil temperature which in turn initiates early plant growth. If moisture is not present, then the higher soil temperature seems to increase the drought effect of dry seasons and plants will not grow and may die. Also the removal of the litter and dead grass increases the chance for severe soil erosion.

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**A Nation That Conserves Its Resources,  
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**DO YOUR PART**

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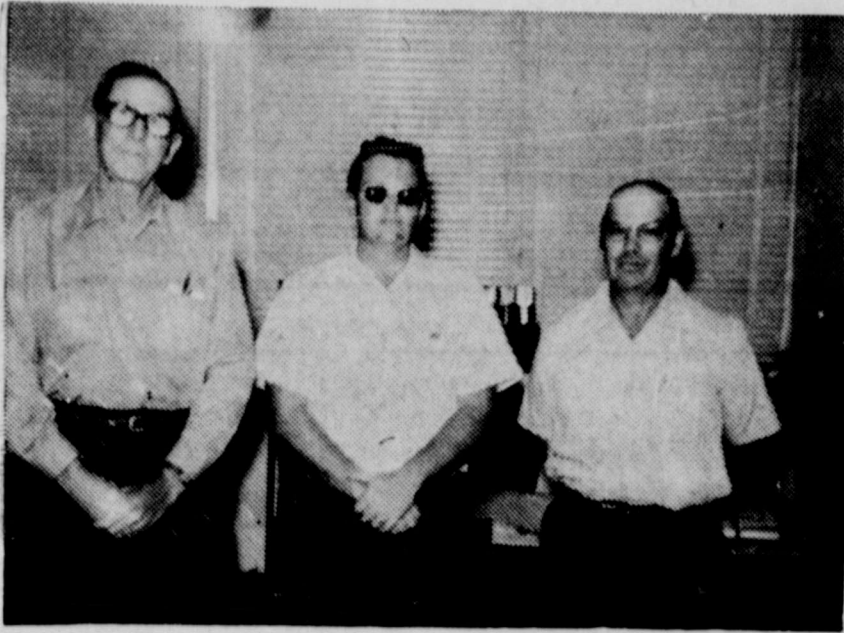
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SCS PERSONNEL — Personnel of the Soil Conservation Service in Coke County are, from left, L. L. Wilkins, conservation technician; Rex Brand, range conservationist; and Eph Cummins, district conservationist.

### Soil Conservation Personnel Render Variety of Services to Coke Citizens

The Soil Conservation Service (SCS) is the U. S. Department of Agriculture's technical agency for soil and water conservation. It cooperates closely with federal and state agencies which deal with loans, cost sharing, fish, wildlife, recreation and other matters related to land and water use.

SCS brings together in one staff the trained conservationist's needed to solve land and water problems. It develops and carries out a national soil and water conservation program through soil and water conservation districts:

It also:  
\* Carries out the responsibilities of the U. S. Department of

Agriculture (USDA) in watershed protection and flood prevention projects and river basin investigations.

\* Plans and applies measures and practices that reduce flood damage in 11 major watersheds.

\* Administers the federal part of the national cooperative soil survey.

\* Administers the Great Plains Conservation Program.

\* Heads the USDA's National Inventory of Soil and Water Conservation Needs.

\* Gives technical assistance to land owners and operators participating in the conservation program of the Farmers Home Administration.

\* Has departmental leadership in establishing income producing recreation areas on private land and public areas in watershed projects.

\* Helps local sponsors develop and carry out resource conservation and development projects.

Three federal employees work in the SCS office in Robert Lee. The office is headed by Eph Cummins' district conservationist. He is assisted by Rex Brand, range conservationist, and L. L. Wilkins, conservation technician.

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Rancher Prosper,  
SO DOES THE  
NATION

Our Nation's  
Strength and  
Prosperity Depend  
On Productivity  
Of the Soil



We have progressed far. We know that soil, like a bank account, will eventually be depleted unless as much is put back into it as is taken out.

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 Additional 50c for blind ads.

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**COPY DEADLINE:**  
 Classified Ads — 4 p.m. Tuesday  
 Display Ads — 4 p.m. Tuesday

Classified ads and cards of thanks are payable in advance unless customer carries a regular account. \$1.00 minimum charge if posted in ledger.

A SET OF KEYS were left at FranCilla Flowers & Gifts. Owner pay for this ad and get keys at Observer office.

HELP WANTED: Need cook and waitress. See Mr. or Mrs. M. L. Singleton at Froggy's Cafe.

CASH WILL BUY 1962 Chevrolet, 6 cylinder Standard Transmission, \$225.00. 1966 Ranchero V-8 Automatic Transmission, Air Conditioner, \$425.00. Bell Auto Parts, Phone 453-2911.

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 3 bedroom house, excellent condition, located on large corner lot in northeast part of town.  
 2 bedroom rock house, on corner lots. Well established yard near school.  
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 Several Choice Lots For Sale.

**ADAMS LAND & REALTY CO.**  
 Phone 453-2723 or 453-2757  
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 FOR SALE: Several good city lots and one 160 acre place Ernest Jones, Phone 453-2708.  
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 HOUSE FOR SALE by owner, next to Gladney Field at 10 East 17th. 5 rooms, garage, cellar, work shop, patio, trees. 453-2937 after 6 p.m.  
 FOR SALE: Avon products for Christmas gifts, are greatly reduced. Some below half price. Also a Hotpoint refrigerator and Kenmore range for sale. Mrs. Sloan Boone.

**TEXAS OIL COMPANY**  
 Has opening in R-Lee area. No experience necessary. Age not important. Good character a must. We train. Air Mail A. S. Dickerson, Pres., Southwestern Petroleum Corp., Ft. Worth, Tex.

**TEXAS REFINERY CORP.** offers PLENTY OF MONEY plus cash bonuses, fringe benefits to mature individual in Robert Lee area, regardless of experience. airmail A. T. Pate, Pres., Texas Refinery Corp., Box 711, Fort Worth, Tex. 76101.

**MRS. ROBERTS** — Continued from Page 1  
 testant in the Junior Division, as she had taken second place honors with her entry in the District IV contest held in San Angelo Nov. 17. Twenty first and second place district winners entered the state finals from 10 districts. Mary Elaine was awarded a woolen lap robe by Sarcobault Woolen Mill Co. of Sarcobault, Minn.

Those from Robert Lee who attended the fashion show were: Mrs. Floyd Harmon, Mrs. Wayne Mashburn, Mrs. Elton Millican, Sheila and Douglas Roberts, Mrs. Leon Sockwell, Mrs. Eloise Guernant and Mrs. Kenneth Lackey.

**BASKETBALL** — Continued from Page 1  
 in the opening game. Bill Rowoldt made 13; Doug Herford 9; Wibby Millican, Mike Davis and Carl Bagwell 6 each; Andie Brasuel 4; Mitch Cooley 1.  
 The boys downed Garden City 35-33 in their second contest. Herford made 10; Rowoldt and Craig Bessent 7 each; Millican 6; Brasuel 5.  
 Going up against Sands in the finals, the boys lost 58-42. Herford sank 16; Rowoldt 7; Millican 6; Poly Abalos and Bessent 4 each; Cliff Cole and Brasuel 2 each; Cooley 1.  
 Herford made the all-tournament team.  
 Tuesday, Dec. 11, the A & B boys teams will host Lorange, following the junior high games.

**County Court Meets Tuesday**  
 The following list of jurors has been summoned to serve during a Coke County Court session Tuesday, Dec. 11. Judge W. W. Thetford will preside. The list follows:  
 Betty Prince, Nora Wyatt, Beulah Magness, LaVerne Clark, Daisy Hughes, Russell Jameson, Mrs. Ernest Clendennen, Phelan Wrinkle, Emil Chacon, Rosie Modgling, Sherman Williams, Inez Nutter, C. M. McCutchen, Irma Lee McCutchen, Maggie Seyner, Lloyd E. Haley, Genie Thomas, J. M. Prine Jr., Eula Maud McCutchen, Froncy C. Scarbrough, Ava Lou Davis, William W. Casey, Ernest Clendennen.  
 Also Joe David Key, Sofia Sanchez, Billie Mae Champion, Carroll Wilkes, Lucille Carwile, C. E. Calder, Eula McCutchen, T. A. Peays, Georgia Ackerman, Jim McKown, Elizabeth Brooks, Russell McBroom, Patti Ivey, Lou Ella Bessent, Waldon Millican, Daniel Percifull, Mary Lou Walker, Marie G. Mims, Peggy Robertson, T. D. Snead, Lula Walker and Glenn Walkdrop.

**HD CHRISTMAS PARTY**  
 DATE CHANGED TO DEC. 10  
 The date for the Home Demonstration and EHE Clubs' annual Christmas party has been changed to Monday, Dec. 10. The affair will be a Christmas luncheon held in the home of Mrs. L. O. Clark in Bronte. A program and gift exchange is being planned, according to Mrs. Fay C. Roe, county extension agent.

Observer want ads are very effective and cost very little.

**Alamo Theatre**  
 Saturday 6:30 Only  
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- DEL MONTE PINEAPPLE JUICE, 46 oz. can - 2 for 89c
- DEL MONTE SLICED PINEAPPLE - - No. 2 can 39c
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- POLISH STYLE PICKLES - qt. jar 59c
- HUNT'S CATSUP, 20 oz. bottle - 2 for 85c
- CHIFFON FACIAL TISSUES, 200 ct. - 3 for \$1.00

# Bathroom Tissue 45c

- ZEE NAPKINS - - - - 160 ct. pkg. 39c
- SCOTTOWELS big roll - - 3 for \$1.00

# Cheer Detergent \$1.45

- IVORY LIQUID - - - - giant size 59c
- HORMEI OLEO 1 lb. quarters - 2 for 69c
- BETTY CROCKER LAYER CAKE MIXES - - - - each 39c

# Bananas 2 lbs. 25c

- CARROTS, 1 lb. cello bag - - - 2 for 29c
- APPLES, Washington Delicious - - lb. 21c
- TEXAS ORANGES - - - - lb. 17c

# TRIMMED RIGHT MEATS

- Round Steak lb. \$1.33
- RUMP ROAST - - - - lb. 95c
- GOOCH ALL MEAT FRANKS - - - - 12 oz. pkg. 73c

# BAKER'S Groc. & Mkt.



# Robert Lee Observer

Vol. 84, No. 23

Robert Lee, Coke County, Texas (76945), Thursday, Dec. 6, 1973

Section B

## Six Flood Control Dams On Kickapoo Creeks

The six flood prevention structures located on the Kickapoo Creeks above Bronte were built to prevent flooding of areas on the lower reaches of the watershed.

The Coke County Kickapoo Water Control and Improvement District was formed following two

disastrous floods in less than four years. The district arranged for and supervised the construction of the six structures which are functioning as planned. Although floods have not come on the watershed since the dams were completed, all indications are that

no recurrence of the damage to agricultural lands and city property is possible.

Maintenance work consisting of weed control, fences, and minor washes is the main job of the board of directors of the WCID in addition to holding back any waters which might cause flooding below the dams, considerable silt is being held back by the structures. This prevents pollution and siltation to areas further downstream.

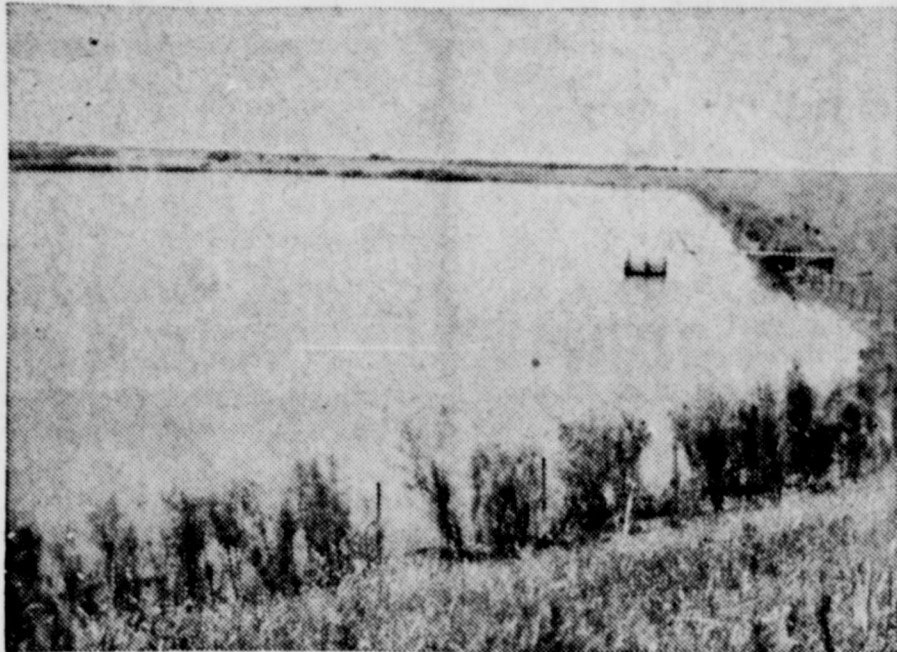
Directors of the WCID board are Carroll Robbins, Royce Fancher, Preston Davis, Louis Gallaway and L. W. Duncan.

At the present time the land owners are not required to pay any taxes in support of the maintenance program for the watershed.

America was built by men and women seeking independence and security. Our shelter, food and clothing all come from the soil. As the soil is lost so is our security and our freedom.



GUIDE WATER DISTRICT — (seated left) is secretary of Carroll Robbins (seated right) the board. Members standing, from left, are Preston Davis, L. W. Duncan and Louis Gallaway. Royce Fancher is president of the Kickapoo Water District.



FLOOD PREVENTION STRUCTURE—One of the Kickapoo Creek project structures, with storage capacity as shown is

available in the event heavy rains fall. This built in safety factor is what prevents flooding downstream.

**SAVE OUR SOIL**  
if you would save our country

Population experts are not very optimistic about America's continued ability to provide food and fiber for the millions who are expected to be living 50 years from now. Our only hope is for the farmers and ranchers to keep their land in top productive condition. It can be done with conservation.

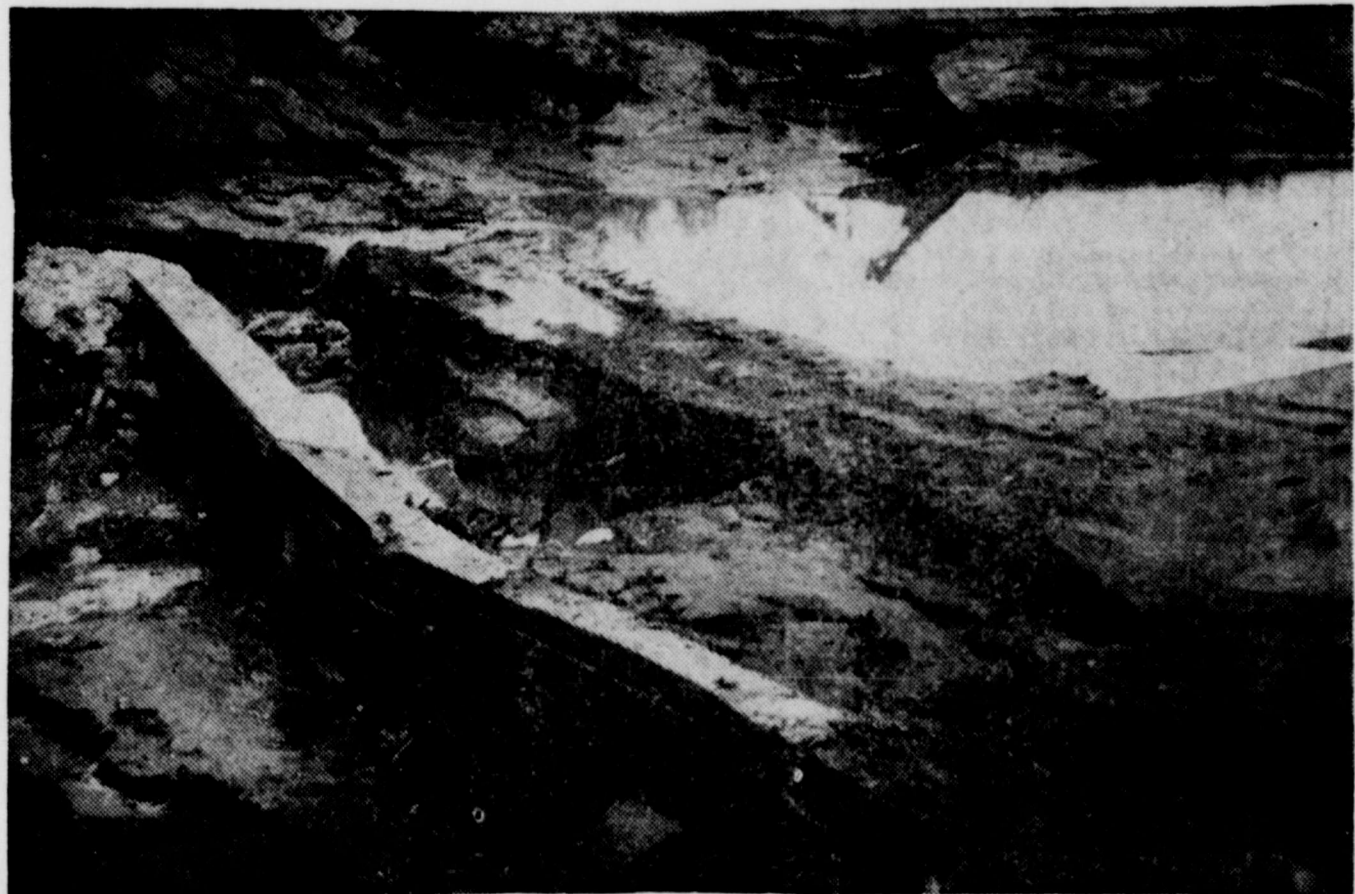
**Ross Conoco Station**

ROBERT LEE

## Protection from FLOOD and POLLUTION

### The Coke County Kickapoo WCID

was created as the instrument for building the dams protecting the lives, soil and other property of residents of the Bronte area. Devastation like is shown on the right is a thing of the past in the area. The water district is proud of the dams under its supervision and feels they are a real conservation project.



Not only do these dams provide protection from flooding — they prevent pollution and siltation to the streams and lakes below them; thus enhancing recreation and pure water for the entire watershed.

### Coke County Kickapoo Water Control & Improvement District No. 1

CARROLL ROBBINS, President  
PRESTON DAVIS, Member

L. W. DUNCAN, Member

ROYCE FANCHER, Secretary  
LOUIS GALLAWAY, Member





EXOTIC IMPORTS — These Mouflon rams will be used to increase the herd on the E. S. Derrick place near Sanco. Derrick charges hunters who want to take one of the exotic animals, adding to his ranch income.

### IMPORTED EXOTIC ANIMALS ADD TO COKE RANCH INCOME

The Mouflon pictured here are on the E. S. Derrick place near Sanco. The Derricks started with Exotics in October 1971 with three rams and five ewes. In November of 1972 they added seven more rams. These animals originally came from West Africa. These sheep will cross with domestic sheep

and it is unlikely that a pure strain of Mouflon or Barbados sheep exists in the United States. An animal having a woolly appearance probably has some domestic sheep blood. They are about the size of a domestic sheep. Females are hornless and can have one to three young almost any time of the year. It takes three or more years for the male to develop trophy size horns. Mouflon have light underparts

and a light saddle patch on their sides. Overall color is a tawny brown. Barbados have an overall color of reddish brown with dark underparts and a dark mane and horns. Regular sheep and goat fences will contain these exotic animals. For hunting purposes they should be separated from domestic sheep. Some means of control of numbers will have to be carried out. This may be done by trapping

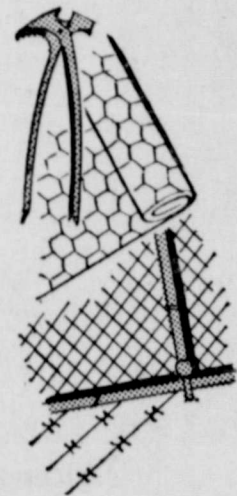
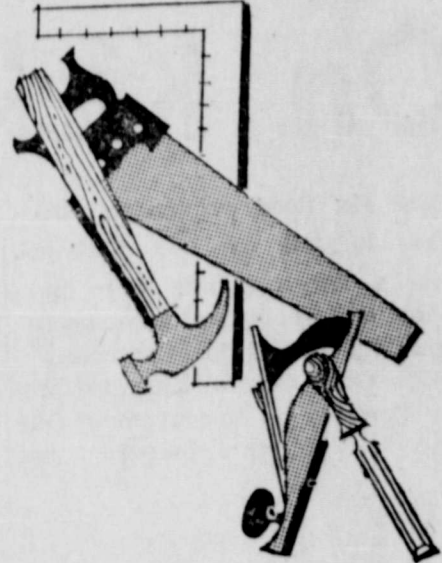
and selling the excess animals or by hunting. The Derricks harvest their excess animals by hunting. They charge a hunting fee for the privilege of hunting Mouflon sheep. There is no season on Mouflon, so hunting may be done year around if desired. This type of recreation enterprise would have good possibilities for land owners in Coke County to increase diversity of operations and to supplement income.

**Congratulations—**  
TO OUR  
**FARMERS & RANCHERS**  
ON THEIR  
**Extensive Soil and Water Conservation Programs**  
**QUICK SHOP Food Store**  
Bronte

**Congratulations to  
Coke County SCD**

**May Your Progress  
And Development  
Continue—**

**Mathew's Lumber  
& Hardware**  
Robert Lee



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Better living conditions for you right now, with more money in the bank to show for your hours of labor can be yours if you diligently follow conservation practices.

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CONCRETE**

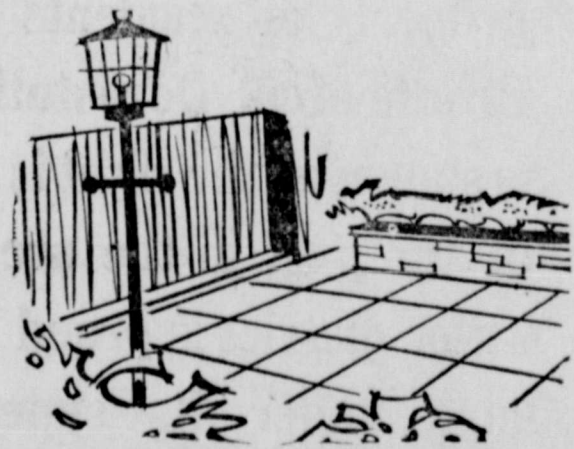
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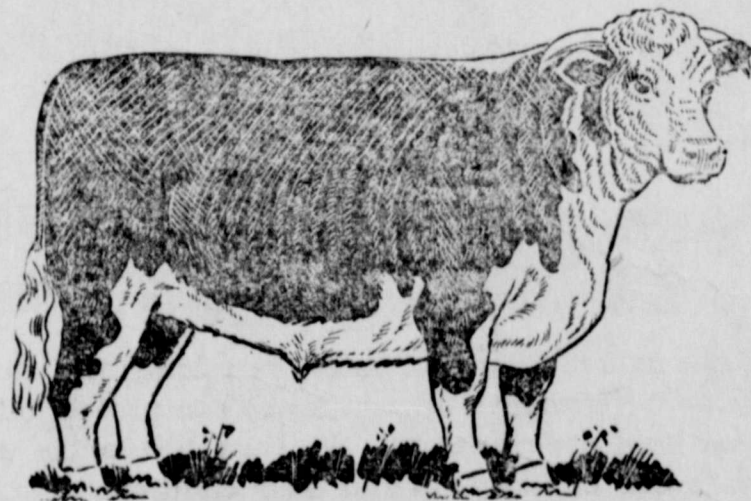
**JUST A DROP  
in the Bucket.**

Just a drop in the bucket. But, drop by drop, the bucket's full before you know it. Just a dollar, stashed away in the bank! But, dollar by dollar, your savings soon grow into real money with which to go places, do things, make dreams come true! Persistent, consistent, every-pay-day savings (plus interest added regularly) does the trick. Open an account today. Save systematically — save safely — save here!

## Soil Conservation Pays

**“and the lean and ill-favoured  
kine did eat up the first  
seven fat kine.”**

—Genesis, Chapter 4, Verse 20



We all remember Pharaoh's dream and Joseph's interpretation . . . of the Seven Years of Plenty and the Seven Years of Famine.

We also remember the “Dust Bowl” period of some years past. Even more fresh in our memory are the seven dry years of only a few years ago.

No one claims that Soil Conservation will do away with cycles of drought and cycles of abundant rainfall, but . . .

It has been proven that Soil and Water Conservation, crop rotation and proper range management will make the dry years less destructive and they will cut down on erosion from wind, then when the rains come again (as they always have) the run off and gully washing will be negligible.

# First National Bank

In Bronte



# Short Duration Grazing Systems Pay Off

By Kenneth D. Sparks  
Area Range Conservationist

Short duration grazing systems, covering over one million acres of Texas grasslands, lead many ranchmen and range scientists to a startling conclusion. Proper implementation of this system of grazing could easily be the rancher's best investment.

The short duration system of grazing allows the rancher to make more efficient use of his natural resources — soil, water, plants and animals. The short duration concept involves putting livestock into one pasture for a relatively short period of time — no more than 60 days and preferably 30 days or less. Following grazing, each pasture is rested for at least four months, and, in some instances, up to seven months.

Normally, at least five pastures are needed to carry out the system and as many as 13 pastures are used in some systems. However, this method of grazing is very flexible and will vary from ranch to ranch. The system should always be based on the needs of the operator, his vegetation and his livestock.

Pastures do not have to be of equal size. Larger pastures are simply grazed a few days longer than the smaller ones. Some ranchmen are running cattle, sheep and goats together in each pasture while others separate classes of livestock. For example, cattle may be rotated ahead of sheep or vice-versa.

Let's keep in mind that rangelands grow a variety of plants. Some plants are very tasty to livestock and will be heavily

grazed with continuous grazing. Other plants may be grazed very little. Also, livestock develop habits of frequently grazing certain areas of a pasture while other areas may be only lightly grazed.

Short duration grazing alters livestock grazing habits. They graze more plants. With the long rest periods, the better quality or more tasty plants grows more leaves, develop healthier root systems and compete more favorably for space, sunlight, water and soil nutrients. Desirable plants have an opportunity to produce seed. Seedlings and young plants have time to establish themselves between grazing periods. Also, the frequent rest periods allow plants to become established on sacrifice areas—good cover grows clear up to the water trough. Problem areas such as bare spots and old trails are re-vegetated.

Ranches produce more feed with short duration grazing. The flexibility of the system makes stress period such as drought easier to foresee. Adjustments in stocking can be made before the situation becomes critical.

The rest periods and flexibility of this system of grazing allows ranchmen to carry out other im-

provement practices, such as brush control and rangeseeding. The system also offers a considerable savings in labor. Only one pasture has to be ridden to check

livestock, watering facilities, fences, salt, etc.

Reduction of internal parasites in livestock can be another ad-

Continued on Page 5



GRAZING SYSTEM ON KING BROTHERS — Courtney King stands in excellent grass which is part of a grazing system that has been in effect about two

years. Grasses in the pasture which furnish excellent forage production are sideoats grama, switchgrass, sand lovegrass, and K. R. bluestem.

The Observer, Robert Lee, Texas

Dec. 6, 1973



## PRACTICE SOIL CONSERVATION

Practicing proven soil and water conservation methods can mean the difference between a productive farm or ranch and a wind swept, water eroded piece of land like that shown above. Congratulations, Coke County farmers and ranchmen, for your progressive conservation program.

Cumbie & Mackey

Bronte



## SOIL Conservation

Soil destruction turns nature's gifts of water, farmland and rangeland into a wasteland of desolation. Farmers and ranchmen can protect our precious land by planning a proper land use program. We owe this extra effort in saving our soil and water to our children... and their children.

Interested in the Progress and Development of Our Rural Areas—

**Concho Valley Electric Co-Op**

INCORPORATED

Helping Texas Grow

Offices — 207 N. Main — San Angelo



vantage of the short duration system. This is especially applicable when pastures are grazed no more than 28 days. Ranchmen and veterinarians report that parasites are not completely eliminated but are greatly reduced.

Information from ranchmen and the Sonora Experiment Station indicate that pastures within short duration systems provide a good home for wildlife. Deer numbers increase especially in the resting pastures because the deer do not have to compete with livestock for feed. The seed and cover produced during the rest periods also greatly improve dove, quail and

turkey food supply and nesting areas.

Summation of some of the benefits of short duration grazing: improved range condition, increase in feed produced, reduction in internal parasites, reduced labor and better home for wildlife of course provide the rancher an opportunity for increasing net income. At the same time, this system of grazing can provide maximum soil conservation benefits.

In addition to sufficient pastures to fit the system on any given ranching unit, an adequate source of livestock water must be available in all pastures. Facilities should be well distributed and ad-

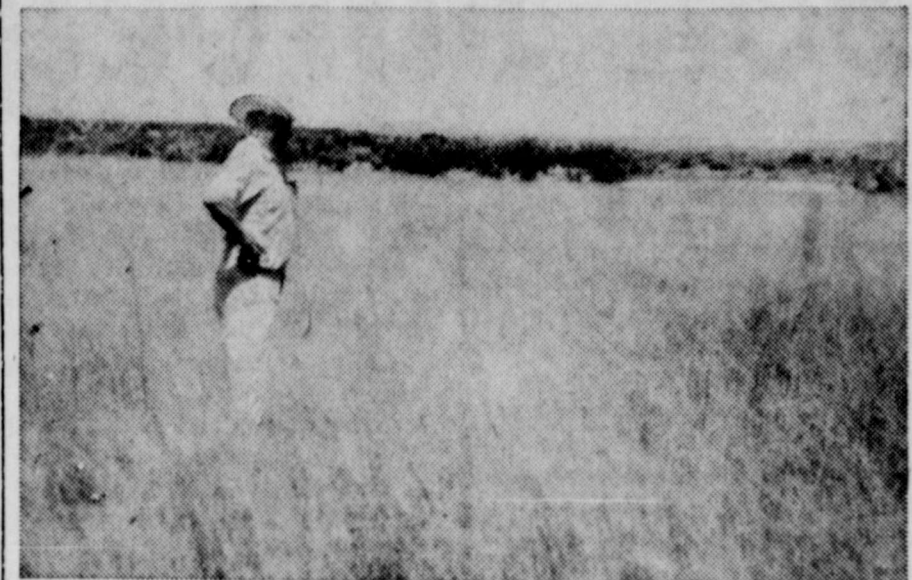
equite trough space should be available for the entire herd or flock within the system.

Some research work and practical ranch application indicate slightly lighter calf and lamb weaning weights during the first few years of implementation of short duration grazing compared to other systems of rotational-deferred grazing. However, the reduced weaning weights are offset by a more uniform calf and lamb crop and additional feed produced to run more livestock. Many ranchmen feel that the short duration system allows them to run at least 25 per cent more livestock than the more conventional method of rotational-deferred grazing. However, short duration systems are not a cure-all for over grazing. Range improvement can not be expected if livestock numbers are not in balance with the forage being produced within the system.

As stated before, short duration systems have been successful with all classes of livestock. It is also being used with both commercial and registered herds and flocks. The system may be altered slightly during lambing or breeding season to either spread livestock into several pastures or to place certain herds with individual sires in specific pastures.

Although the short duration system of grazing is relatively new in application, its popularity is spreading rapidly. It is our most efficient method for harvesting rangeland vegetation and it could help your ranch make more net profit.

In the long run, the overwhelming urge of mankind for survival will dictate that every remaining productive acre be handled in such a way that it will continue to produce indefinitely.



RANGE SEEDING—B. R. McCarley who ranches west of Blackwell has rootplowed for mesquite control in the spring of 1972. The seedbed was modified with a roller chopper. A mixture of Klein grass, side-oats grama, and blue panic was seeded. McCarley rested the area during the growing season

of 1972 and for several months during the growing season of this year. The grass has made excellent growth and has produced a good seed crop. This is a part of McCarley's conservation plan with the Coke County Soil and Water Conservation District.

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WATER TANKS

AND

SHEET METAL

OF ALL KINDS

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DIAL 655-6778

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LIVESTOCK

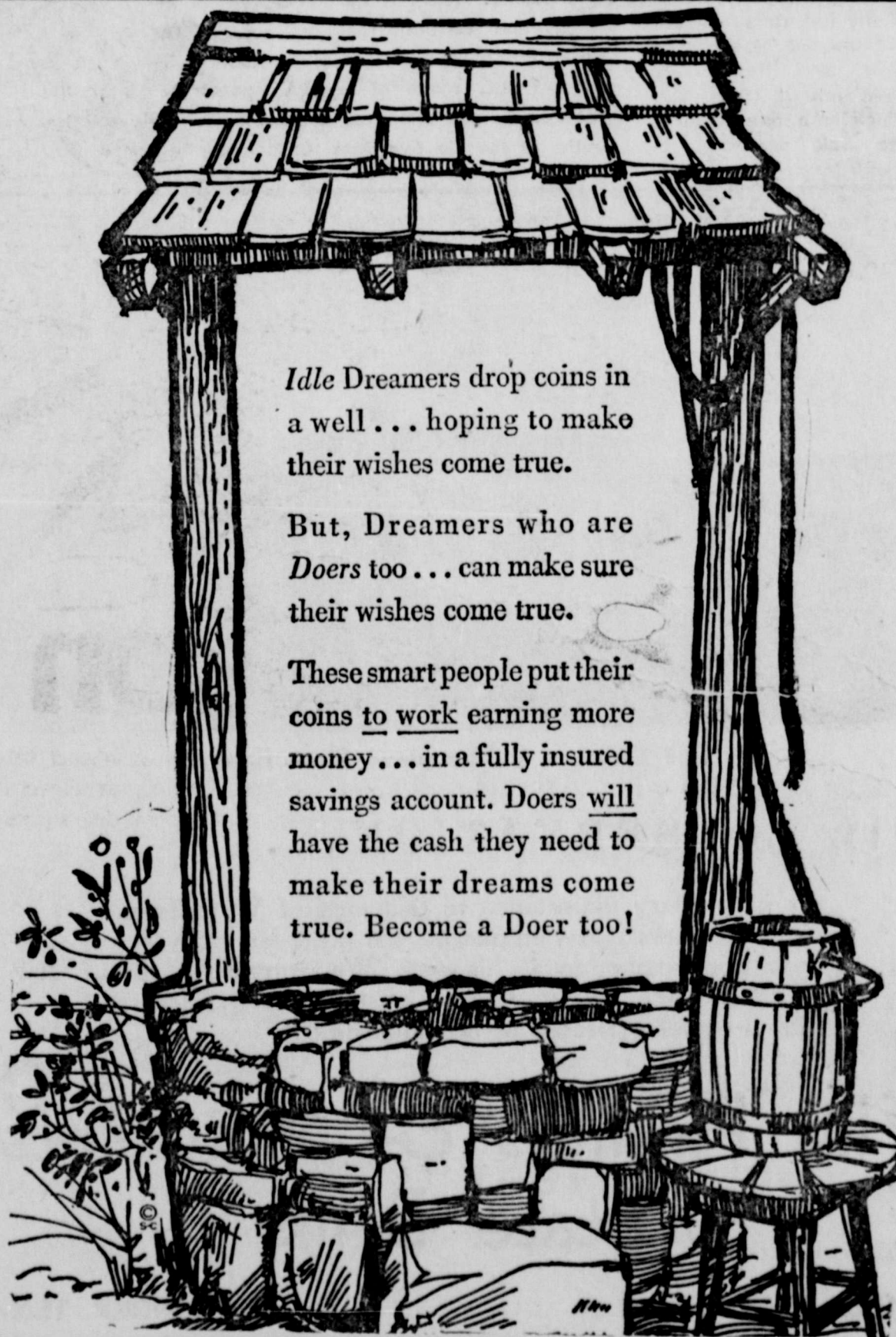
Go Hand in Hand with . . .

Proper Land Use

We congratulate the Coke County Soil Conservation District on its fine program and wish its members continued success.

HILLSIDE GROCERY

Robert Lee



Idle Dreamers drop coins in a well . . . hoping to make their wishes come true.

But, Dreamers who are *Doers* too . . . can make sure their wishes come true.

These smart people put their coins to work earning more money . . . in a fully insured savings account. Doers will have the cash they need to make their dreams come true. Become a *Doer* too!

For Dreamer's Coins!

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Soil Conservation Doesn't Cost  
. . . IT PAYS!

Conservation farming practices increase yields, add to wool and mohair production, increased lamb and kid flocks—better beef production. These many benefits all mean an increase in farm and ranch earnings.

FOR ANY BANKING NEED, BANK AT  
YOUR KIND OF BANK . . .

Robert Lee  
State Bank

"A FULL-SERVICE BANK"



# Soil Survey to Be Published

By C. C. Wiendenfeld  
Soil Scientist, SCS, San Angelo

Ever since Surveyor 5 lowered a radioactive metal box to the lunar surface for some simple soil tests, Americans have been well informed on the soil survey of the moon. Many do not know, however, that a soil survey of this nation has been underway since the 1800s. The soil survey is continuously being put to more uses. The present Congress has several legislative proposals under consideration concerning land use regulations. Surely the nation's soil survey will play a vital role in these regulations, as it has played a vital role in wise land use decisions of the past.

Coke County has had a soil survey since 1967, but it has not been published. Texas has had about 40 county soil surveys published since 1960. An equal number are awaiting publication today. Hopefully, the Coke County Soil Survey will be published this year. Until the Soil Survey is published, users of Coke County soils can get information on soils at the local SCS Field Office in Robert Lee. When the published soil survey arrives at this office, District Conservationist Eph Cummins will announce its availability. Watch for this announcement.

The Coke County Soil Survey was made by former SCS Soil Scientist Jim Barnhill. He examined the soils field by field and farm by farm. He dug thousands of holes and examined the different layers of soil, carefully noting the properties that influence the behavior of the soil. A few of the most important properties are color, texture, depth, and permeability. Each of the different kinds of soil was classified and named. He also determined the slope of the land and the erosion that has occurred in each field. This information was recorded on aerial photographs. Much other data such as yields and soil behavior under various

treatments were also recorded.

Many people ask me why we need a soil survey. My answer is always the same. We must have a soil survey to help make wise land use decisions. The soil survey can answer these five questions:

1. What kind of soil do we have?
2. Where are they?
3. How many acres are there?
4. What can we do with them?
5. What do the soils need?

Our land and water remain constant while our population and its needs multiply. As each person's share declines, each body of water and each acre of land must be used for more purposes. None must be destroyed. As of this moment there are only 2.5 acres of cropland per person; by 1975 there will be only 2.2 acres; by the year 2000 we might have only 1.6 acres per person unless the birth rate declines some more.

Every year we are losing 1.1 million acres of cultivable land to nonagricultural uses such as housing, airports, factories and highways. Interstate highways use 50 to 60 acres per mile. Highways take about 25 acres per mile out of agricultural production.

Because of the so called agricultural surpluses some might believe we have an endless supply of land for food and fiber production. This is not true. It takes 2.5 acres to produce the average diet of today. About 3 acres of cropland are required to produce the diets for the highest income groups and about 1.9 acres for the lower income groups. We will have to increase crop yields now to provide everyone as good a diet as our highest income groups now have. In addition we like to share our food wealth with less prosperous countries. This will become more difficult in the future.

Another dream is the import of water to make the desert productive. The places that have water feel that they need it as badly as those who covet it.

We must plan ahead and we must plan wisely. We must clas-

sify our land so that we can plan the best use or uses. We cannot afford haphazard land development. We must identify that land with the greatest value for food and fiber production. This we must preserve to make life possible. We then must identify that land with the greatest recreation values. This we must preserve to make life worthwhile. From these two broad categories we must then be able to subtract the areas we need for our homes, factories, transportation, and travel.

The farmers of Coke County will benefit most from the soil survey as it is written about their land and for their use in planning how to farm their land. Department of Agriculture employees together with the farmers

will use the soil survey as a guide for assisting land users in the planning of their farming operations, and for making detailed recommendations for crops and land treatment. Soil Conservationists use the soil map to determine which conservation practices are essential and which practices are desirable.

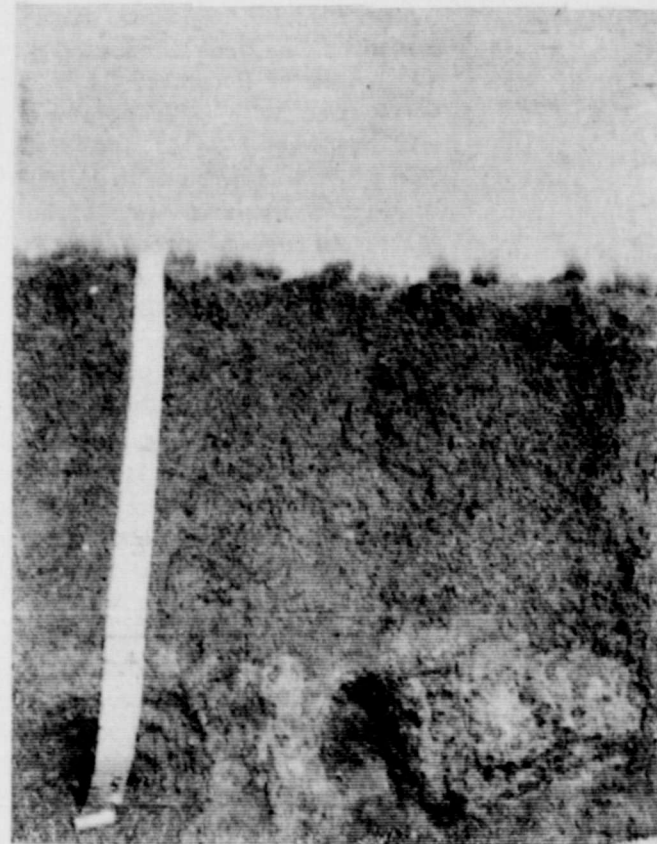
Highway builders check soil maps for road building materials and for planning the most feasible routes for new highways. The soil map should also be consulted for better estimates of runoff and bridge design.

Routing of pipelines, cables, and power transmission lines is guided by the study of the soils and the terrain along the proposed route.

City planners should guide urban development to favorable areas through study of soil maps. The drainage, slope, shrink-swell, depth, and many other soil properties are important in planning factories, offices, schools, streets, sewers parks and homes.

Land evaluation for taxing purposes can easily be based on soil surveys. Good soils with high yields can bear more of the tax burden than poor soils. The Wall Independent School District in Tom Green County is now doing this.

Prospective land buyers, loan agencies, merchants, gardeners, sportsmen, earth moving contractors and many others will find much useful information in a soil survey.



LOTS OF DIFFERENCE—The photo on the left shows a deep soil, while the one at the right is shallow and limits root growth. At left is Olton clay loam, which is a fine textured permeable soil occurring in

Coke County. There is no layer in this soil to limit root, air and water movement. In soils such as this roots of native grass plants are often found at depths of four to five feet. On

the right is shallow, fine textured Tarrant clay. Note that only a few roots are able to penetrate into the limestone layer. This soil has very little capacity for water storage.

The Observer, Robert Lee, Texas

Dec. 6, 1973

## Congratulations to Our FARMERS & RANCHERS

On Their Extensive Soil and Water Conservation Programs

You Are Performing a Real Service For Yourselves and Our Nation

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CLEANERS & HATTERS

Cecil & Frances Kemp

Bronte

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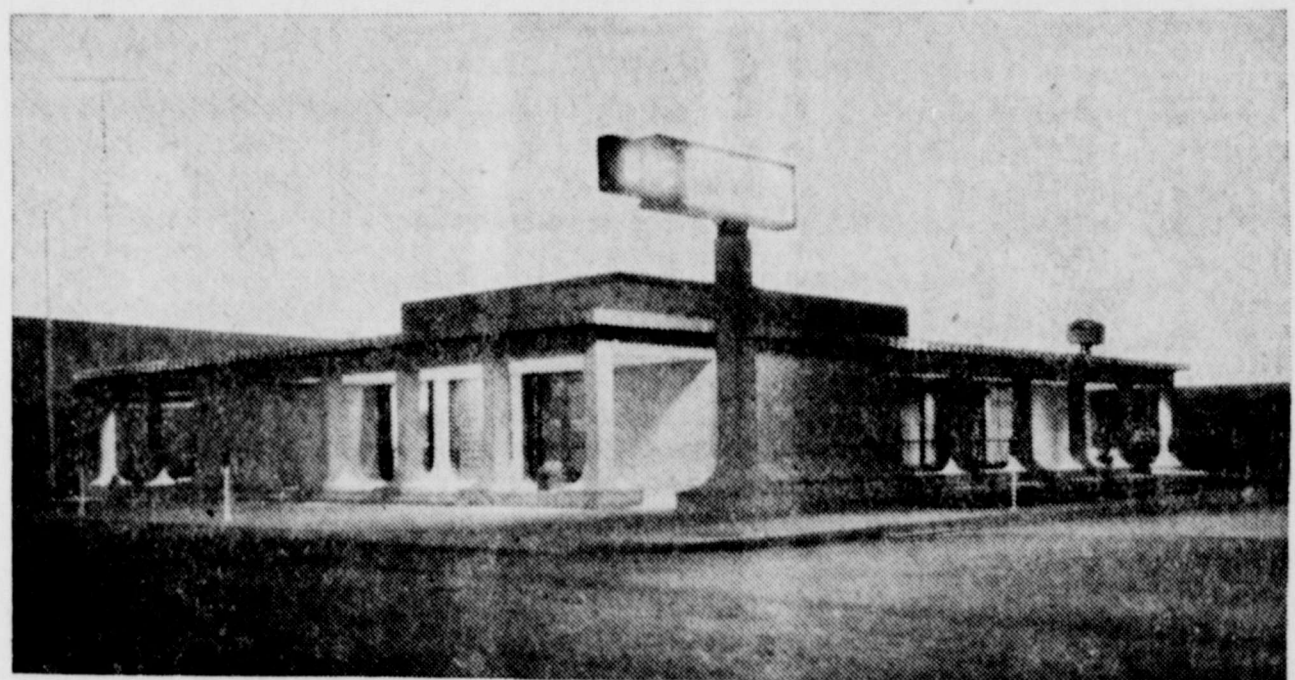
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San Angelo



The Farmers & Merchants State Bank

## SOIL CONSERVATION...

is of primary importance to this area of West Texas and we cannot over-emphasize the need for every farmer and rancher to do his part. We congratulate the Coke County Soil & Water Conservation District on its outstanding record of accomplishment.

## The Farmers & Merchants State Bank

MEMBER FDIC

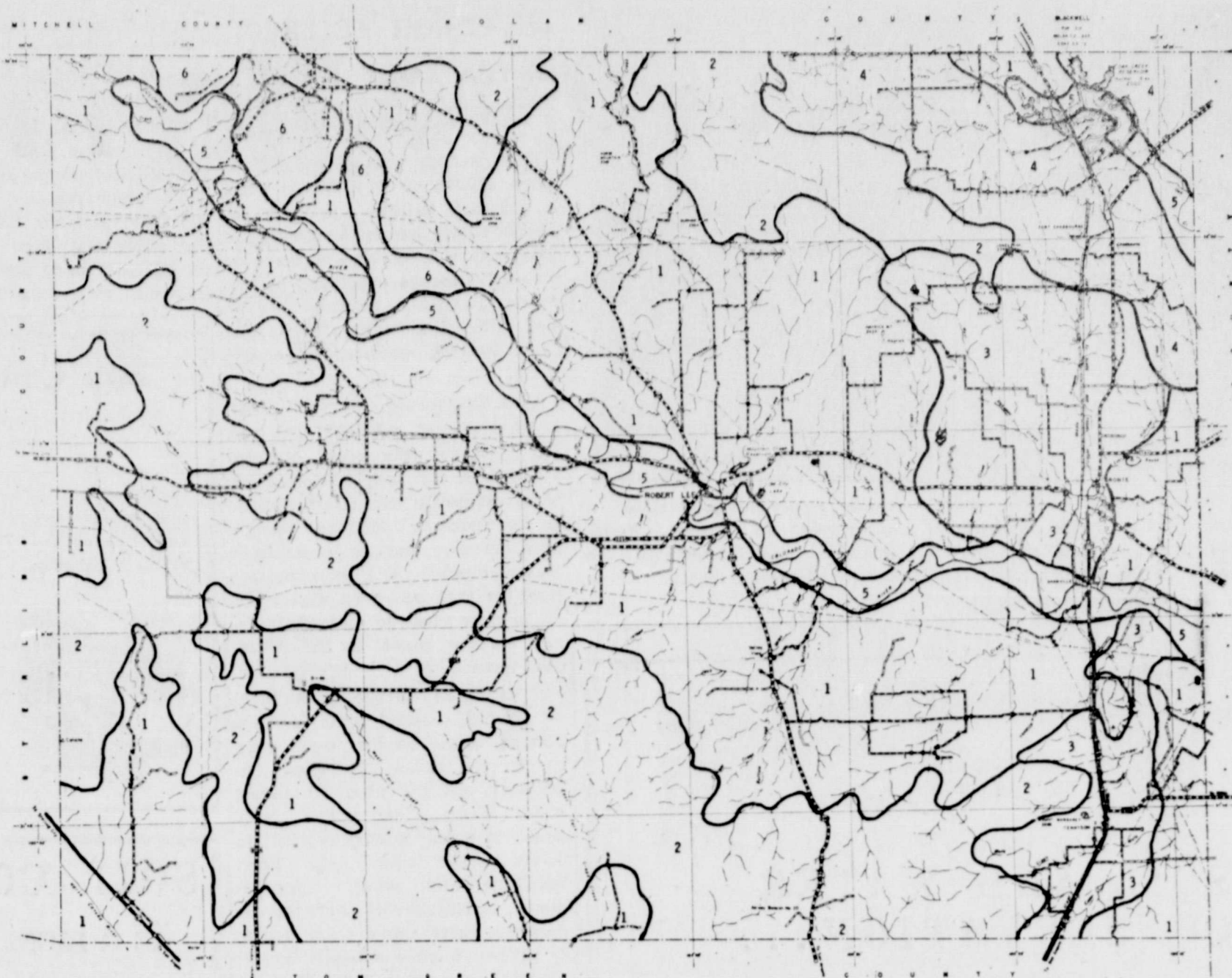

BALLINGER, TEXAS



## General Soil Map Coke County, Texas

### LEGEND

1. Potter - Mereta - Olton association: Very shallow to deep, loamy, calcareous and non-calcareous soils over plains outwash.
2. Tarrant association: Very shallow, clayey, calcareous soils on limestone hills.
3. Olton-Miles association: Deep noncalcareous, loamy soils over plains outwash.
4. Cobb-Cosh association: Deep and shallow, loamy, noncalcareous soils over sandstone.
5. Miles - Colorado association: Deep, noncalcareous, loamy soils of stream terraces, and calcareous, loamy bottomland soils.
6. Tivoli-Brownfield association: Deep, noncalcareous, undulating, sandy soils.

# Coke County

IS BLESSED WITH BOUNTIFUL  
**Natural Resources**

Which Should Be Used for the Prosperity  
And Happiness of ALL Our People!

**COKE COUNTY...**

is already blessed with much fine ranch and farm land, and with a great many fine hunting and fishing places.

We Invite You to Let Us Service You with Your  
ACP and Soil Conservation Practice Jobs

## J. D. HARMON

**CONSERVATION CONTRACTOR**

Robert Lee, Texas

**CONSERVE OUR  
SOIL FOR THOSE  
GENERATION  
YET TO COME**

Their future prosperity depends on you.

Cooperate with your Soil Conservation District for your own good as well as for posterity.

**Herman's  
Men's Store**  
WINTERS, TEXAS



**Always A  
Booster  
For Coke  
County**

**W. H.  
MAXWELL**  
CONOCO PRODUCTS  
Bronte, Texas

The Observer  
Robert Lee, Texas  
Dec. 6, 1973





LEVEL SPILL — This diversion terrace in the background drains into a level spill in the center of the picture. The level spill drains into a pond on the right. Note the good cover of grass and no erosion. These structures are located on the Robert Hickman Ranch.

### Diversion Terrace Saves Your Water, Prevents Erosion

The average annual rainfall of Coke County is 17.9 inches with a primary rainfall maxima of about three inches occurring in May and a secondary maxima of about 2.5 inches occurring in October. How this rainfall is used will greatly determine the profit of a farming or ranching enterprise.

How do you use your share of this annual rainfall? Do you let it leave your tract of land laden with top soil, or does most of it penetrate the soil's surface to be used to produce forage, cash crops, and a dependable water supply? One conservation practice that has been widely used in past years to properly manage surface runoff is the diversion terrace.

A diversion terrace is a level or graded channel with a supporting ridge on the lower side, constructed across the slope. Diversions can be used to divert water away from active gully heads in order to stop erosion, to divert water away from farm buildings and other improvements, to increase or decrease the drainage area above farm ponds, to protect terrace systems by diverting headwater from the top terrace, and to protect flatlands from hillside runoff.

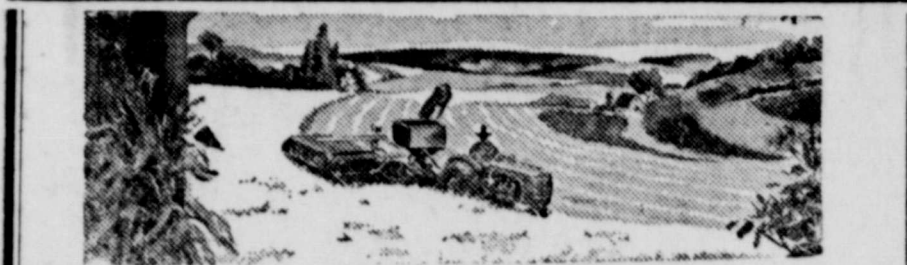
When runoff is collected and then discharged in a concentrated form, the erosive action is greatly increased because of the increased depth of flow and higher velocities. Erosion is still greater when this discharge occurs on sparse vegetated or bare areas. Soil Conservation Service technicians are using a technique in conjunction with diversions which eliminates the concentrated flow

around the end of the supporting ridge.

This technique is called a "level spill." The level spill spreads the discharged runoff out in a sheet which reduces the depth of the flow, reduces the velocity of the water and increases the time for percolation to take place. The increase soil moisture is then

available for production of forage.

Several land owners having diversions with level spill areas include Victor Wojtek, Robert Hickman, Joe Rawlings, Foster S. Price, Nolan Pentecost, Mary Jane Adams, Welton Fites, W. A. Hickman, Cumbie Ivey and H. F. Saunders.



### SOIL AND WATER CONSERVATION...

Like you, Mr. Farmer and Mr. Ranchman, our business depends upon proper land use. We like to see abundant crops and fat livestock in West Texas, and we congratulate Coke Countians who are doing their part to keep our soil fertile and productive.

**Sims Food Store**  
Bronte

### Soil Conservation Doesn't Cost ... IT PAYS!

Conservation farming practices increase yields, add to wool and mohair production, increased lamb and kid flocks—better beef production. These many benefits all means an increase in farm earnings.



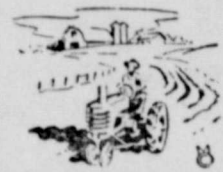
### CARLTON Barber Shop

Bronte

RONNIE CARLTON & Sissy HEATCOTT

### SOIL CONSERVATION —

is a most important consideration for every land owner. You're doing an important job and we are proud of you.

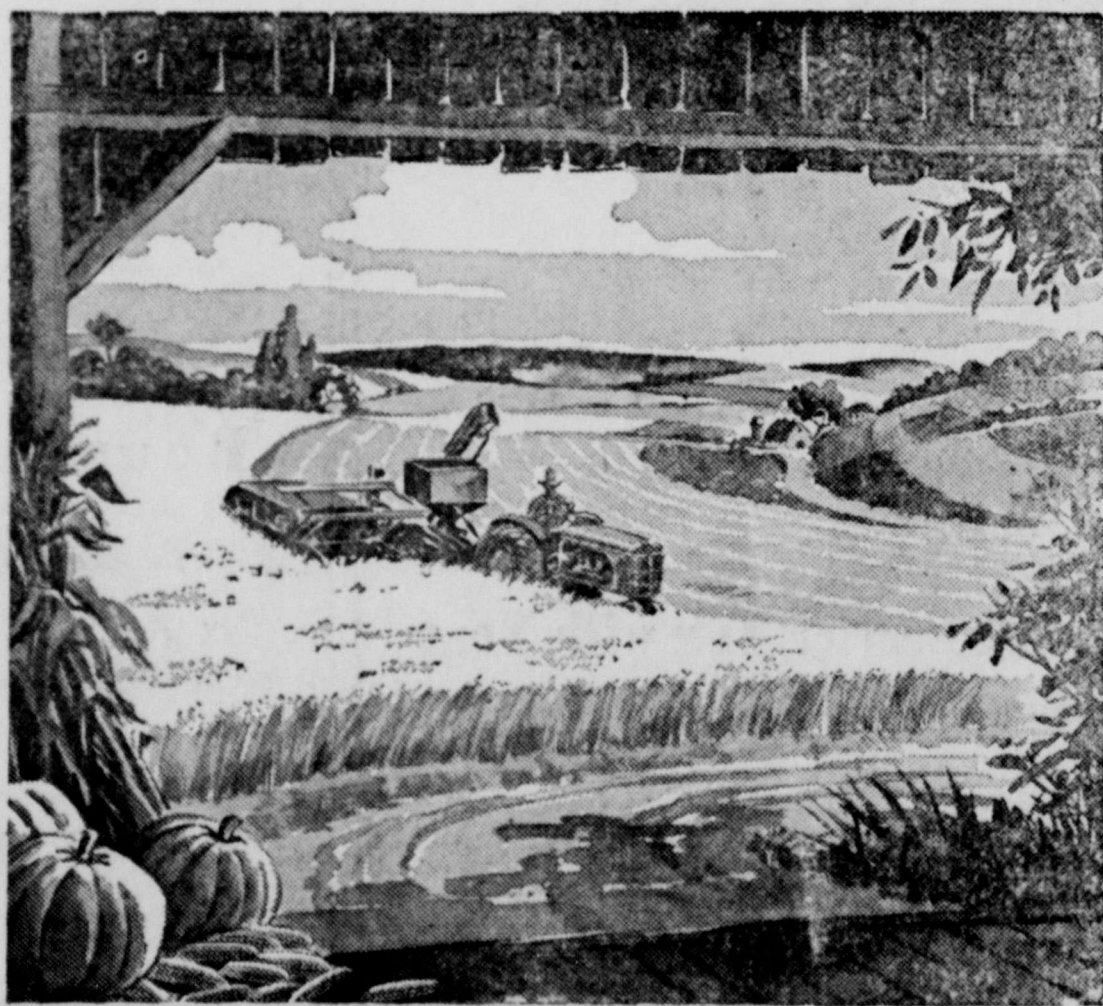


### CORKEY'S EXXON STATION

Bronte

# Conservation Pays . . .

On Both A Long-Term and Short-Term Basis



Always A Booster For The Progress of Our Neighboring Counties

# ETHICON

Inc.

San Angelo

That is so right . . . Soil conservation methods which have been put into practice in Coke County the past few years have added hundreds of thousands of dollars to the value of the property, as well as almost immediate results for our land operators. Congratulations to all who conserve our resources.



# Robert Lee Observer

Vol. 84, No. 23

Robert Lee, Coke County, Texas (76945), Thursday, Dec. 6, 1973

Section C

## Coke County SWCD Founded In 1948

This is the 25th year of operation for the Coke County Soil and Water Conservation District. During this time excellent progress has been made by many cooperators who worked with the district.

Most knowledgeable people agree that Coke County does not look like it did in 1948. Water wasting mesquite and cedar have been controlled on thousands of acres of rangeland. Rangeland now produces more forage from the water that was formerly used to grow mesquite and cedar brush. Several thousand acres of cropland have been converted to grassland by the planting of well adapted grasses. The cropland picture has also changed. Farmers have installed terrace systems, waterways, diversions and other conservation practices to help save soil and water and make the land more productive. When these practices are done in the proper sequence according to the needs of the land the environment is improved to the benefit of all the people in the county.

District directors have taken an active part in the ideas of multiple land use and that improving the land benefits all citizens as well as the land user. Preventing

pollution of the soil, water and air in Coke County is one of the foremost goals of your district directors. The proper planning for the management and harvest of the abundant wildlife crop is becoming more important in the district's plan of operations.

Coke County is in an area that is rapidly changing. Lake Spence and the proximity of the area to several larger cities is causing more interest in the development of recreational facilities in the surrounding area.

Joe Rawlings, chairman of the district's board of directors, said, "We must be ready to assume responsibilities as directors to assist all land users with resource problems so they can make sound land use decisions."

The Coke County Soil and Water Conservation District is devoted to providing assistance to land users who have land resource problems. Land users who want to improve the productivity of their land are assisted through the planning and application of a complete conservation plan. The district directors are taking the leadership to see that the improvement of natural resources benefit the entire country as well as the people who operate the land.

With the increased demand for food putting more pressure on the soil resources of the country, pollution from farm land could become more of a problem. Part of the district program will be to encourage sound conservation practices in order to maintain a stable agricultural economy.

Drastic changes in local farming and ranching conditions have taken place since the district was organized. The rural population has changed from small family type operations to more absentee owners in the business and professional fields. Technical assistance is needed to develop a sound plan for improving the natural resources. Full time producers must maintain the land at maximum production in order to receive a fair return on the large investment now required.

The board of directors of the Coke County Soil and Water Conservation District and the conservationists with the Soil Conservation Service are making an effort to assist all interested land users. And, as the natural resources are improved, benefits will accrue to the whole community.

Directors of the Coke County Soil and Water Conservation District who give of their time to

help save soil and water and preserve wildlife include Chairman Rawlings; Finnell Smith, vice

chairman; M. C. Hendry, secretary; Horace Scott and Royce Fancher members.



### SOIL AND WATER CONSERVATION . . .

Like you, Mr. Farmer and Mr. Ranchman, our business depends upon proper land use. We like to see abundant crops and fat livestock in West Texas, and we congratulate Coke Countians who are doing their part to keep our soil fertile and productive.

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And Economically

### Coke County Pharmacy

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Robert Lee, Texas

### DEPLETION AND POLLUTION OF OUR

# Natural Resources



### IS OUR NO. 1 PROBLEM

Desolation such as that shown on the left has been battled by this district and the Soil Conservation Service for many years — and now we have even greater challenges before us as we are now faced with the added problems of pollution of our air and streams. It will be the aim of this conservation district to continue to aid our farmers and ranchmen to conserve their soil and water and, at the same time, exert every effort possible to keep our air pure and our lakes and streams clean for the enjoyment of all our people.

## Coke County Soil & Water Conservation District

M. C. HENDRY, Secretary

HORACE SCOTT, Member

JOE RAWLINGS, President

FINNELL SMITH, Vice President

ROYCE FANCHER, Member





**RUNS MORE STOCK** — James Tidwell is able to run more stock on his place between Robert Lee and Bronte since implementing his conservation plan. He is shown here standing in an ex-

cellent stand of sideoats grama, Kleingrass, green sprangletop, and K. R. bluestem. Grass was seeded following rootplowing and roller chopping.

### James Tidwell Uses Conservation Practices to Increase Stock Numbers

James Tidwell, who has a place between Robert Lee and Bronte, has been working to increase livestock production on his place. In order to do this he needed to increase the production of the better, more productive grasses and

to reduce the amount of brush. Tidwell developed a Great Plains contract to help carry out his conservation plans.

Tidwell began his Great Plains contract with work on brush control and range seeding. He root-

plowed the mesquite and mixed brush on all but the steep sites and roller chopped it, then seeded a native grass mixture.

Tidwell has been carrying out other conservation practices that will help on grazing management for his livestock. He has cross-fenced his rangeland into equal sized grazing units, which will allow rotation and defecment of each pasture.

He also has drilled a water well, built a concrete storage reservoir, and piped the water to the pastures. By use of the fence and the water he will have more uniform grazing of the pastures.

Another practice that Tidwell has carried out on his cropland field is construction of parallel terraces. Tidwell had parallel terraces put on the field to cut down on the number of point rows, and because they are easier to farm.

With these conservation practices and others which are being carried out, Tidwell will be able to increase production on his place.

When the soil is gone, man must go, and the process does not take long.

Conservation is the informed, conscientious management of resources. It is development as well as protection. It is use as well as having.

## CORRECT

### Soil Conservation

### Practices

### Will Help Your Land Produce



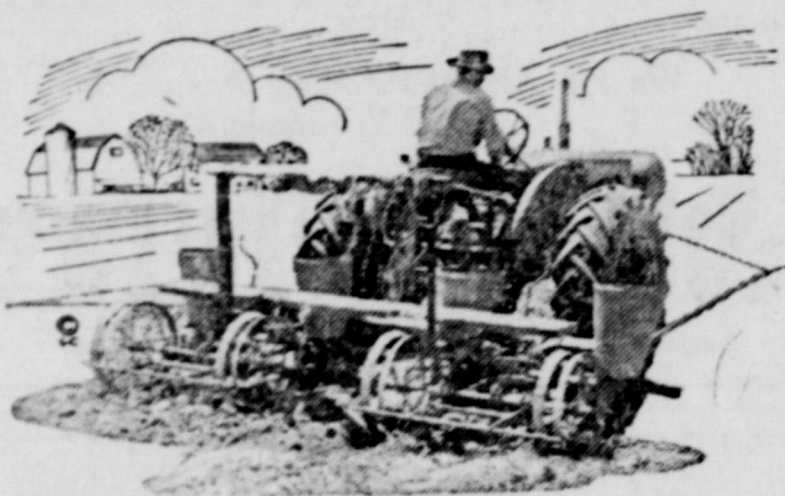
We have some old fashioned ideas about fair dealing, honesty with our customers, etc., but the insurance protection we sell is as modern as the latest space capsule.

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**CASUALTY  
INSURANCE  
PROTECTION**

### ALLEN INSURANCE AGENCY

LOW, LOW INSURANCE COVERAGE

Robert Lee



### SOIL & WATER CONSERVATION

is of tremendous importance to everyone — especially to those who make their living on our farms and ranches

We congratulate the Coke County Soil & Water Conservation District and SCS on their fine job.

We are extremely proud of and grateful to our many fine customers and friends of Coke County.

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117 Bird

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### ALL LIFE IS DEPENDENT UPON SIX INCHES OF EARTH

The land we live in is covered by six inches of rich topsoil. Without it, all life would cease. Nature's bountiful gifts of water, woodland, farmland and pastureland become wasteland.

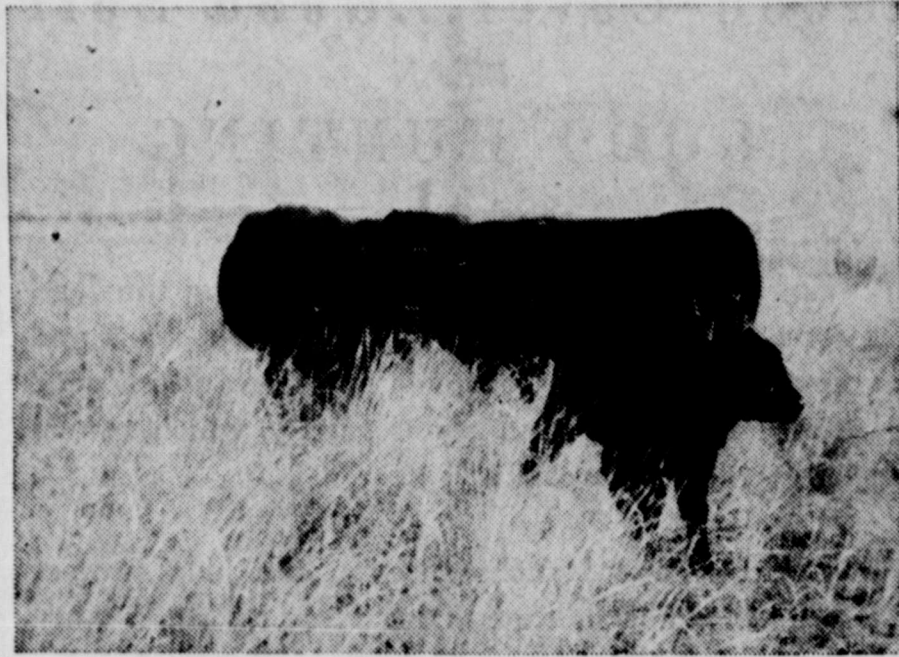
### Conservation PAYS FOR EVERYBODY

The wealth of the entire community depends on the productivity of our farms and ranches. Therefore, all of us have a stake in conserving the soil.

### Robinson Chevrolet Company

WINTERS, TEXAS





**GOOD CATTLE AND GOOD GRASS** — Angus cattle graze on a pasture that was sprayed for weed control. This pasture was rootplowed for mesquite control and seeded to a mixture of K. R. bluestem, blue panic, side-

oats grama and sand lovegrass. Rest periods during the growing season and other good management practices have enabled the grasses to become well established and produce large amounts of high quality forage.

### Aerial Spraying Used to Control Weeds On Ranch Operated by Rawlingses

Weeds are a problem on much of the rangeland in Coke County and they are worse following good winter and early spring rains. Land that has been disturbed by brush control practices usually has a cover of noxious weeds.

A. N. and Joe Rawlings are using aerial spraying of 2,4-D as one means of controlling the weed problem on their ranch. The Rawlingses did their first spraying in 1967. In 1970 about 700 acres were sprayed for weeds. Another 1440 acres were sprayed this year.

This year Joe reported that three pints of 2,4-D ester and a total mixture of three gallons of spray per acre was used. They have found that the best time to spray for weed control is following good winter moisture. The weeds will have adequate moisture to make vigorous growth.

Rawlings reported that some of the weeds killed by the aerial spraying are ragweed, broomweed, devils claw, sneezeweed, perennial broomweed, sunflower, cocklebur and Canadian thistle. This year an excellent kill was obtained on broomweed and rag-

weed. Another added bonus, according to Joe Rawlings, is that whitebrush, tasajillo, and mesquite have been set back by the spraying. Burning the leaves off these noxious brush plants slows down the growth and spread of these plants.

Rawlings said the pastures need to be rested if the maximum benefit is to be realized from aerial spraying of weeds. Resting the pastures following the spraying gives the grass a chance to make maximum growth and production from the moisture that is saved by killing the weeds. More forage production means more beef, mutton, or wool production on a given ranch.

thus insuring a good kill. The temperature should be 70 degrees or above and rising. Usually the spraying is done between April 20 and May 1. But this year the spraying was done about May 15.

If we did not take great pains to corrupt our nature, our nature would never corrupt us.

Sediment is a terrible example a resource out of place. It of a resource out of place. It hurts the land where it comes from and hurts the water where it goes.

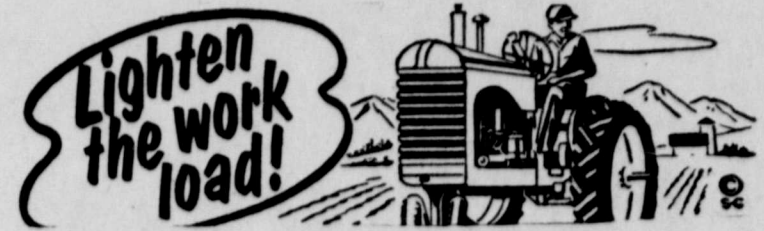
### Save the Soil

and save our country

Those in the know are pessimistic about this country's continued ability to provide the food and other needs of the millions who will be living here during the next 50 years. Our farmers and ranchers are our only hope—and they must guard their soil if they are to do the job of feeding and clothing our people.

### TINKLER'S Gulf Station

453-2691 Robert Lee



## SAVE YOUR SOIL AND YOUR SOIL WILL SAVE YOU

Congratulations to our many good friends in Coke County on your active soil and water conservation program. Your work will pay dividends to you and our entire nation.

### Adams Land & Realty Company

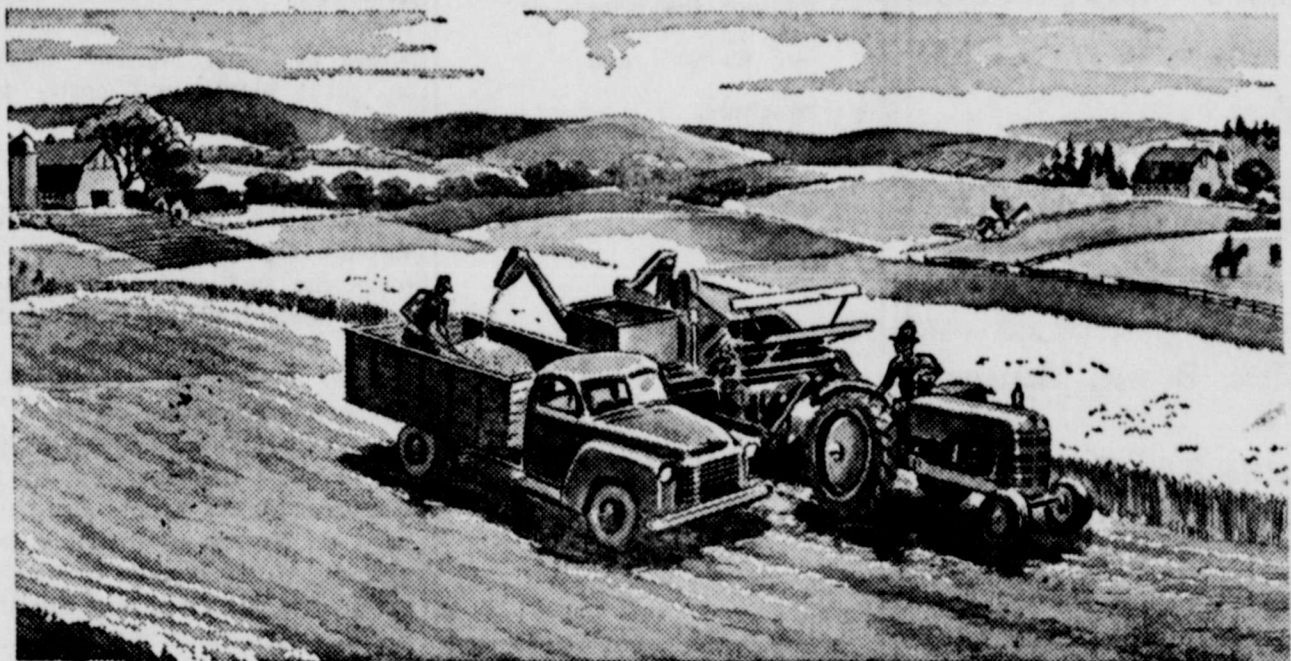
ELSIE ADAMS, Realtor

Phone 453-2501

San Angelo 655-9429

Robert Lee

# Save the Soil-Save Texas



Remember . . .

They're Not Making Any More LAND!

AMERICA HAS ALREADY LOST 1,000,000 acres of FERTILE LAND as a result of erosion and we are still losing another half million acres each year. WE CAN, WE MUST use our land without wasting it, because the cornerstone of democracy is a permanently productive soil.

We Cannot Live Without Good Soil

# The First National Bank

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**GRASSED WATERWAY** — L. L. Wilkins, SCS technician, examines K. R. bluestem seed heads on the Gene Baker farm southwest of Robert Lee. This waterway was cut, shaped and seeded to a mixture of K. R. bluestem and buffalo grass prior to the construction of field terraces. It also carries outside water to a safe outlet below the field.

### Outside Water Can Be Disposed of Without Damage

Safe disposal of outside water is essential for reducing erosion and is necessary before other conservation practices such as terraces can be installed.

The lay of the land in Coke County generally will allow diverting outside water from fields and spreading it over native rangeland. On some places, however, the terrain will not allow a diversion to be built properly. Where this condition exists it is necessary to allow the water to come through the field with a grassed waterway. Usually, it can be built down the side of the field without using too much land.

These grassed waterways must be designed and constructed in accordance with the amount of outside water coming into the field. Usually a perennial grass such as K. R. bluestem or buffalo grass is used to provide a permanent cover.

Buddy Dyess, Billy Joe Luckett, Weldon Fikes and the late Gene Baker are some cooperators who have built vegetated waterways for the safe disposal of outside water from cultivated land.

### Vary Livestock According to Rain

How to make adjustments in livestock numbers rapidly enough to prevent over-use of grass plants when production is low and how to keep income as high as possible when the grass crop is so variable are two problems confronting area ranchmen from year to year.

In times of serious drought every rancher makes some adjustment in livestock numbers on his grassland. Often these adjustments are made too late to avoid losses in animal weights, damage to grass plants and costly feed bills.

Many ranchers cooperating with the Coke County Soil and Water Conservation District have found through experience that they can overcome such problems by stocking a basic breeding herd of livestock below that which can be carried during an average year. In years of average or above average rainfall the extra grass produced may be used by keeping stocker animals from the basic herd or buying additional stocker animals. This system enables the rancher to readily adjust the number of animals to the amount of grass being produced without incurring losses in animal weights, damaged grass plants, costly feed bills and lowering livestock prices.

Coke County ranchers are finding that with flexibility in stocking rates they can grow more pounds of grass per acre and produce more pounds of livestock, which is the key to a successful ranching operation.

Conservation keeps both soil and runoff water on the land.

Poverty is the parent of revolution and crime.



### Good Cover...Good Soil MEAN GOOD HUNTING

Saving our soil and water and improving the land means saving our wildlife, too. Our wild birds and animals and the fish in our streams and lakes need better food, cover and water supply which results when we check erosion.

Mr. Farmer and Ranchman, you can help protect our heritage of wildlife by conserving soil and water.

**Hambrick Jewelers**  
Home of Fine Jewelry and Gift Items  
Ballinger



Fire, flood, drought and improper planting all lead to soil erosion.

It is up to each of us to protect against these hazards and produce the livestock and crops the world needs.

**Runnels County Auction Co.**  
Milton Bryan, Manager

Cattle Sale Every Sat.  
Hog Sale Wed. Morning

### SOIL Conservation

is a most important consideration for every land owner and operator in our country. The whole country, including the city dwellers, have no source for their food and clothing without the efforts of our farmers and ranchers.

**SCOGGINS**  
BALLINGER

### Congratulations- To The FARMERS & RANCHERS OF COKE COUNTY

Your outstanding soil and water conservation program benefits the entire area.

**MUELLER SUPPLY COMPANY**  
Ballinger



### Rangemaster Molasses of Robert Lee

Introduces a new concept of liquid feeding. We now have a 32% feed with "biuret" suspended throughout for a slow, safe release of protein, enabling your stock 50% to 80% more protein utilization. We also have range minerals available.

Congratulations to our many good friends in Coke County on your active soil and water conservation program. Your work will pay dividends to you and all our country.

For prices and information on new Liquid Feed, call  
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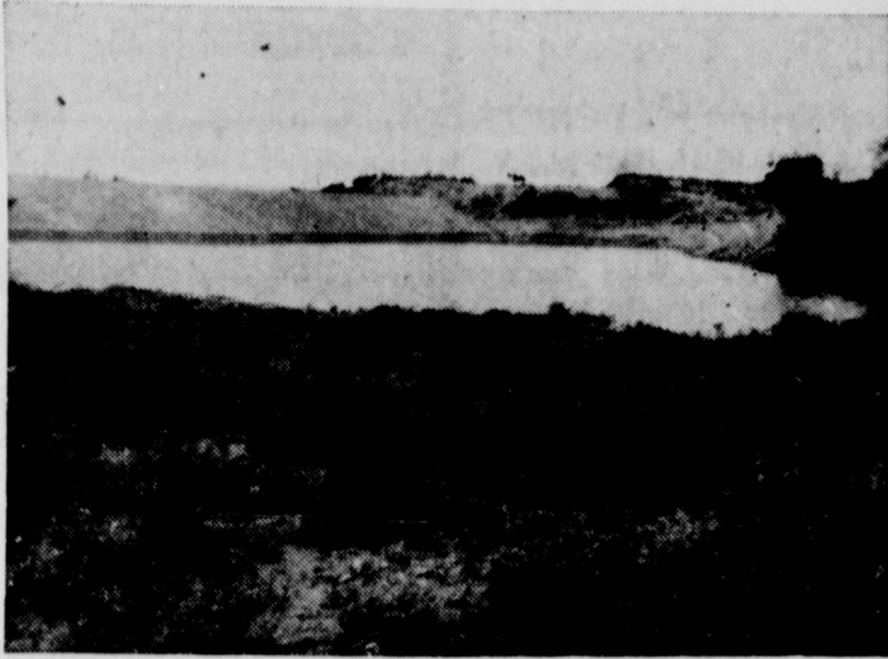
## Conservation Practices

mean food, grass and plenty of water for supplying our abundance of wildlife.



## BALLINGER MEMORIALS

JIM W. JONES



**POND FOR LIVESTOCK WATER** — This dam type pond was built by Horace Scott on his ranch east of Robert Lee. It was built in 1969 for livestock water and better distribution of

grazing by livestock. The pond holds 10 acre feet of water and has a depth of 30 feet. It has been stocked with channel catfish and bass. Secondary use is derived from various types of recreational uses.

## Earthen Ponds Provide Stock Water Plus Use for Recreation Purposes

Earthen ponds continue to be popular with farmers and ranchers for livestock water, fishing, wildlife, and other recreation in Coke County.

Over 500 ponds have been built in Coke County since the Soil Conservation District was organized in 1948. Most of these ponds were cost-shared through the Rural Environmental Assistance Program (REAP) and the Great Plains Conservation Program. Besides providing livestock water for

better distribution of grazing, they have added benefits for recreation, wildlife and fishing. The demand for livestock water has increased tremendously in recent years. Although there are other sources of water, ponds are one of the most reliable and economical.

Water is as important as forage in the production of livestock. Clean water and ample forage are essential for livestock to be finished out in a marketable condition.

In order to achieve proper grazing use of all the rangeland, water must be properly distributed in relation to the available forage. Inadequate stockwater development on rangeland contributes to instability in livestock production.

A better understanding of livestock water requirements result in planning a pond large enough to meet the water needs of the livestock. The daily requirements are: beef cattle and horses, 12-15 gallons, and sheep and goats, two gallons. The depth should be such that will permit storage of enough water to insure a dependable supply, considering beneficial use, sedimentation, season of use, evaporation and seepage losses. In Coke County ponds should be 15 feet or deeper, since evaporation is about seven feet per year.

The two types of ponds used in this area are dam type and pit type. The type of pond needed will depend on the site, size, and type of drainage area, and size of pasture. Ponds should not have much shallow area due to evaporation losses. By keeping water deep and below ground level

evaporation by hot winds will be reduced.

This information is based on the field experience and observation of successful land users and soil conservationists. Local information is essential and land users are encouraged to consult with the local SCS for technical assistance in constructing ponds. Some land owners who have

constructed ponds in the past few years are Royce Fancher, Horace Scott, Simpson Brothers, Weldon Fikes, J. R. Salmon, Walter King and E. F. Glenn.

Soil is the farmer's bank. It won't stand too many promissory notes.

## Effort Well Spent

Work and time in saving our soil and water resources are well spent and will pay off big dividends to us, our community and our nation.

We are always happy to serve our friends in our neighboring county.

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## Soil & Water Conservation

is of tremendous importance to everyone — especially to those who make their living on our farms and ranches.

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- \* For your community's sake
- \* For your nation's sake

With the Right to Own Goes the Duty to Conserve

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# WILDLIFE



## ANOTHER REASON FOR CONSERVATION

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## Native Grasses Used by Ranchers To Re-Seed Land

Livestock producers in the Coke County Soil and Water Conservation District have seeded native grasses in conjunction with mechanical control of brush. Rangeland that was heavily infested with mesquite and other brush is being restored to productive grazing land.

Some of the farmers and ranchers who have carried out these practices are: John Wilks, Royce Fancher, Walter King, T. K. Whiteside, H. H. Brunson, Dr. R. J. Warren, Nolan Pentecost, I. M. Austin Jr., W. A. Hickman, Sid Eubanks, Foy Askins, Billy Joe Luckett and Hollis Ensor.

Warm season grasses should be seeded some time between Jan. 1 and June 1. The optimum seeding dates are in March and April. In order to obtain a better stand of grass a good seedbed is needed. Seedbeds, following root-plowing, need to be firmed and smoothed by a roller chopper, root rake, or other means. This will insure a better stand of grass. Treedozed rangeland should have the seed placed in the disturbed areas before the soil crusts, and old fields to be seeded should have competition from weeds reduced by plowing. This will also prepare the seedbed.

These livestock producers plan to defer pastures that have been seeded until the grass plants become well established. This normally takes around two years. However, the grass may be lightly grazed during this time in the winter while the plants are dormant.

To keep grass productive, proper grazing use must follow. A good rule of thumb is to graze half and leave half. This will allow the better grass plants to stay healthy and increase. The grass plants should also be rested for a period of three or more months during the growing season, at least every two or three years.

For technical assistance in determining kind of grass adapted to your soil and the amount needed, contact the local Soil Conservation Service office.

## Soil Conservation

### MEANS

- \* Better Land
- \* More Stock
- \* Better Crops
- \* More Grass
- \* Better Stock
- \* More \$\$\$

Better living conditions for you right now, with more money in the bank to show for your hours of labor can be yours if you diligently follow proven soil and water conservation practices.

## VAUGHAN CHEVROLET COMPANY

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## SOIL Conservation

FOR THE FUTURE WELFARE OF OUR NATION

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## Conservation Pays . . .



HE IS SO RIGHT . . .

Soil conservation methods which have been put into practice in Coke County the past few years have added hundreds of thousands of dollars to the value of property as well as producing almost immediate results for the land operator.

Congratulations to all for the past progress and benefits to Coke County resources.

M. N. LEE CONSTRUCTION, INC.

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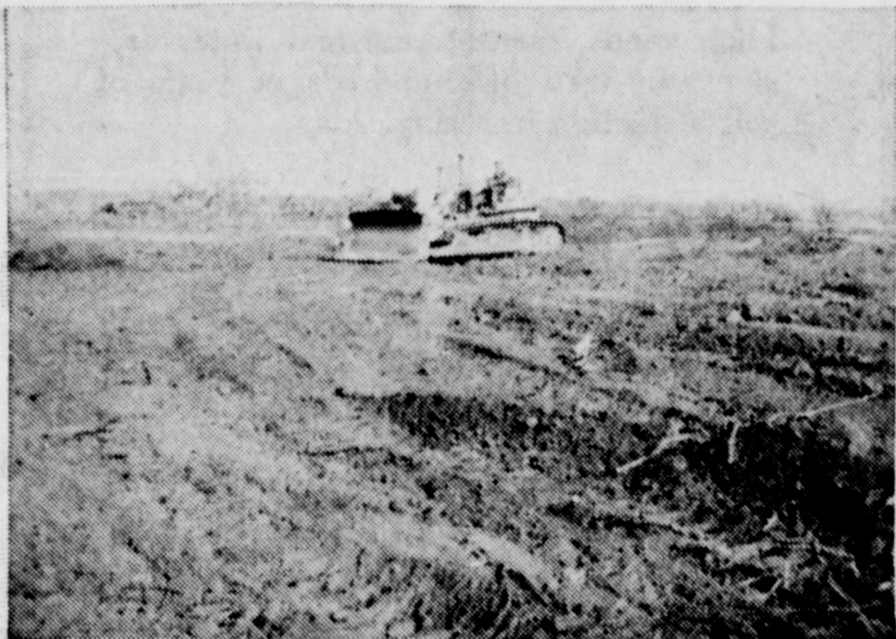


### Eroded Areas Can Be Made Productive

The following pictures were taken in a sequence before, during and after the conservation treatment of some critically eroded land on the Mary Jane Adams ranch southeast of Robert Lee. There are several other areas in the Coke County Soil and Water Conservation District which need similar conservation treatment.



**SEVERE EROSION** — Topsoil has been removed by erosion. Note the absence of any vegetative cover. Only scrubby mesquite and tasa jillo grew on this area with small amounts of red grama and three-awn. Exposed mesquite roots are shown four to five feet above the bottom of the gullies. Soil washed from areas such as this causes severe silt and sediment damage to springs and lakes.



**CHANGING THE FACE OF THE LAND** — The gullies were shaped to provide a gentle slope on which to plant grass. This area was rootplowed to break up the hard subsoil and help condition the soil to take up water and provide a good seedbed for grass establishment.



**RANGE SEEDING** — Mary Jane Adams examines Indian-grass seed heads in an excellent stand of grass. Other grasses are sideoats grama, K. R. bluestem, green sprangletop, and blue panic. The grass was seeded following seedbed modification with a roller chopper. The seeding was rested for two full growing seasons so the grass could become well established and produce a seed crop.

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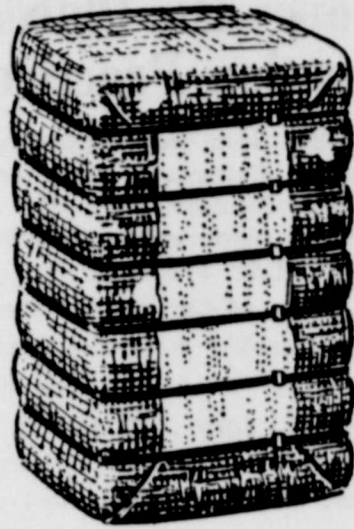


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District, Farmers,

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Of Our Natural  
Resources  
Means Life and  
Progress for  
All of Us.**

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**RANGE SEEDING** — Royce Fancher stands in an area that was rootplowed to control mesquite. The seedbed was modified with a roller chopper and seeded to a mixture of sideoats grama, green sprangletop, K. R. bluestem, blue panic and sand lovegrass. No grazing for two full growing seasons following seeding, and a short rest during the past summer enabled the grass to become well established. It was seeded in 1971. This is a part of Fancher's Great Plains contract.

**Royce Fancher Improves His Places With Varied Conservation Practices**

Royce Fancher, who owns and operates several places around Bronte, has used several different practices to help improve the land. Most of the places have been infested with mesquite and produced very little forage from the grass plants that were present. Brush control, range seeding, pond development, weed control, deferred grazing, proper grazing use, and conservation cropping systems are some of the practices that have been applied by Fancher. Cost-share assistance has been furnished by the Great Plains Conservation Program and the REAP Program.

Some of the grasses that have been seeded to produce increased amounts of forage are sideoats grama, green sprangletop, Klein-grass, K. R. bluestem, blue panic and sand lovegrass. Rest periods following seeding and brush control have enabled the grasses an opportunity to become more vigorous and well established.

Conservation practices applied have been coordinated into a program according to the needs of the land. First things first is the way to set up a plan. And, once a plan is developed, then try to stick with the plan.

Increased forage production, reduced erosion, and maintenance and improvement of the soil resource base are the results of Fancher's conservation plan.

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FARM BUREAU**

FARM BUREAU is the Farmer's & Ranchers' Organization

**CONSERVE OUR SOIL  
FOR THOSE GENERATIONS  
YET TO COME**

Their future prosperity depends upon you.

Cooperate with your Soil Conservation District for your own good as well as for posterity

**SOIL & WATER  
CONSERVATION**

is of tremendous importance to everyone—especially to those who make their living on our farms and ranches.

We congratulate the Coke County Soil & Water Conservation District and SCS on their fine job.



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THAN SORRY**

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