

The Hereford Brand

62 pages

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Sixty-two Years Of Service

63RD YEAR — NO. 9

HEREFORD, TEXAS, 79045, THURSDAY, FEBRUARY 27, 1964

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Schools Face Classroom Shortage, Public Meeting Called By Board

Facilities Provided by '62 Bond Election Already Inadequate

Hereford Schools, packed to the brim with pupils and heading toward another record enrollment next autumn, are in trouble, classroom-wise.

Every available room is in use, and some of the rooms which were designed for 30 pupils, have considerably more than their maximums. Next autumn the situation will be worse.

To discuss the critical school housing problem, the board called a special breakfast meeting Tuesday and came up with

the idea of a citizens' committee meeting to study building needs. The meeting will be held in the junior-senior school cafeteria at 7:30 p.m. Thursday, March 12, superintendent Paul Stevens said.

The same citizens' system was used back in 1962 when the schools floated a \$775,000 bond issue to provide additional rooms which the board considered would take care of the situation for three years — maybe for as long as five years.

But the schools are suffering from growing pains, and already all space provided by the expanded accommodations just two years ago are exhausted.

Said Stevens:

"We know that the situation will be worse by next autumn, since the new Holly plant will be opening and the refinery not only will bring children from families employed at the mill itself, but it will bring in many families who will be employed in growing and harvesting beets for that mill."

Back in 1962, the citizens' committee made its recommendations and the figures it supplied were those used largely in estimating the needs for the next five years. The building program which followed was a direct result of

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OVERCROWDED CLASSROOM — One of the typical overcrowded classrooms in the Hereford Schools. The Hereford school board met Tuesday and set a date for a public meeting to be held Mar. 12 in the Hereford High School cafeteria. The sixth grade class shown is filled to overflowing capacity and in some classrooms more than 35 students are crowded into a room constructed for only 30 students. (Brand Staff Photo)



PUZZLED POSTMAN — "Now where do these go?" is probably the question Walter Hardin, a new Hereford mail carrier, is asking as he gazes down this street of houses that are not numbered. Hardin, being with the Hereford Post Office only since Feb. 15, finds it hard to deliver mail to houses which have no numbers. Postmaster Grady Nolan urges everyone to number his house to assure prompt delivery of mail. (Brand Staff Photo)

Ways to Beautify City Discussed By 'PEP' Group

Beautification was the key word Tuesday, as members of Operation PEP's Beautification Committee met at a luncheon to discuss ways and means of "face-lifting" the city.

Street numbering however, became the major topic of discussion as the group wrangled with the age old problem of how to get Hereford's citizens to mark their residences with the proper number.

Ernie Flippo, superintendent of mails at the Hereford post office told members of the committee that "lack of house numbers is now causing the department many additional man-hours reworking returned mail and trying to get that mail delivered to the proper address."

"The problem," said Flippo, "has also been aggravated by the hiring of new carriers not acquainted with Hereford or their residents, as well as the fact that many new additions are now coming into the city with unmarked houses."

Avenue K was listed as one of the trouble spots in the older part of town, since street numbering on the east side of the avenue is not consistent with that on the west. Flippo was asked by the committee to "draw up a list of the trouble spots throughout Hereford and report back to the committee."

At that time, recommendations for solving the problems will be drafted by the committee "where and if possible."

The replacing of Main Street flower boxes was also recommended by the committee as a means of helping to beautify the city.

The Beautification Committee was appointed after the Operation PEP Community Forum, to explore certain questions raised at the forum, develop facts as to the problems and to make recommendations for their solution.

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Around Town

Missing House Numbers Plague Mail Carriers

Hereford's growth is posing more than one problem, but for the post office here, lack of house numbers is one of the chief headaches.

"With new men being transferred into Hereford to work in the office as facilities expand, the house numbering problem is becoming a source of real concern," says Superintendent of Mails Ernie Flippo.

He points out that not only are numbers missing in the newer sections of the city, but many older houses also are lacking in numbers. He explained that as long as the carrier routes were handled by men with long-time service records, the problem of figuring out who lived where was not so difficult; the postmen knew most of their patrons anyway. But as newer carriers join the service, mail service actually is being slowed by the lack of numbers.

For this reason, Postmaster Grady Nolan is urging all householders to see to it that their houses are numbered. He explained that many new additions are now coming into the city with unmarked houses.

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Mrs. A. J. Bezner is the winner of the National 4-H Leaders forum adult leaders' contest in district 1, and will go to Washington for the forum April 6-11. It was announced this week by District Agents W. W. Grisham and Edith Wilson of Amarillo.

Amarillo Council of Garden Clubs has invited all persons in Hereford who are interested to attend the council's 10th annual "white elephant" sale at 8th and Adams, Amarillo, in progress through Friday, March 6, a bake sale and kitchenware are to be offered, along with antiques, says Mrs. Joe J. Miller, chairman.

Bob Rott will represent the Hereford Toastmasters Club in district speech contests next month. It was announced this week after Rott had won the local contest. Kenneth Radd placed second and Hardy Benson third in the local elimination series.

Hereford ranchers are to attend the "Beef Cattle Field Day" at McGregor in McLennan county March 5. Sale of performance-tested bulls is to be a high spot of the event. A speaking program also is planned from 10 a.m. until 2:30 p.m.

Edwin W. Thomas, Hereford a junior in the college of business at Oklahoma State University, was named to the Dean's Honor roll for the autumn semester. It was announced this week.

Brand Presents Special Issue

This issue of The Hereford Brand contains a 44-page tabloid section devoted to soil and water conservation. Contained are scores of stories dealing with the vital subject of conservation, and The Brand acknowledges the help of many persons and organizations in compiling material and pictures for the section.

Special thanks go to the members of the Soil Conservation Service; many of the pictures and stories were provided by that organization.

Material covered ranges all the way from building a simple terrace to a full-farm conservation program including ponds, ditches, grasses — the works.



ACCEPTS CHECK — Don Zimmerman, chairman of the Deaf Smith County Red Cross Chapter, accepts a check for \$200 from Hereford Jaycee President Wayne Fuller at the noon luncheon Tuesday at Roney's. Fuller presented the check after Zimmerman presented the program and explained the purpose of the local chapter. (Brand Staff Photo)

House Elected UF Head; Eight Directors Picked

Dean House, a Hereford member of the Deaf Smith County United Fund, and Myron Morgan has been picked as vice-president. Dub Hair is to be secretary, and Corinne Neely is retained as executive secretary.

The officers were elected at a meeting of the executive committee of the organization, held Wednesday afternoon. House, who succeeds Neil Cooper, was vice-president last year.

Eight new board members

(Continued on page 2)

Mrs. Fortenberry 'Woman Of Year'

Mrs. Jack Fortenberry, a member of the Bippus club, has been picked as the Home Demonstration "Woman of the Year," and was honored at the organization's luncheon Monday at the Bull Barn. She received a plaque and a \$25 check from The Hereford Brand in recognition of her achievements, with Melvin Young making the presentation.

Mrs. Fortenberry is an older-timer in home demonstration work; she started more than

30 years ago, and has been active in her own community's club work for 25 years. In fact she received a pin for 25-years' service.

She has been a Council delegate for four years, and has served as reporter, vice-president and president of the Bippus club. At present, she is Council alternate and also is a "family economics demonstrator."

In addition to her club work,

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Last Month's Crashes Injure Four Persons

Deaf Smith County rural automobile accidents — five of them — during January injured four persons and did \$3100 worth of property damage, says Sgt. W. E. Wells, highway Patrol supervisor for this area. No deaths occurred.

Parmer county had eight accidents with three injured and \$10,870 worth of property damage. Eleven accidents in Castro county left seven persons in-

(Continued on page 3)

Commissioners Have Quiet Session; Buy Desk, Pickup

Business was light Monday as Deaf Smith County Commissioners discussed many subjects

but took little action in their regular meeting.

Biggest item on the agenda was the purchase of a used 1962 Dodge pickup for Precinct 3. A total cash outlay of \$1100 plus an old pickup was the amount paid by commissioners to Highway Auto Sales, Hereford's Dodge dealer. The motor company allowed \$100 trade for an ancient vintage vehicle exchanged by the court.

Second-largest cash expenditure during the session was for a contract of "approximately \$800 to Barrett Sowell for the construction of a semi-circular desk for the Grand Jury room." The desk would accommodate fourteen persons; twelve jury members, the District Attorney and the accused. The estimate submitted by Sowell was \$200 under an Amarillo cabinet firm.

CAP Turns Down Aircraft Offer

Civil Air Patrol unit here has decided not to seek a T-34 aircraft for the Hereford Composite Squadron of CAP. It was announced this week following a meeting of the organization.

The local organization had been informed it probably could secure such an airplane from the Department of Defense provided the local unit raised \$3000.

"We discovered, however, that the aircraft could be called back into service at any time, and restrictions on its use made it impractical to apply for the airplane," said Bill Thompson. "We might be out our \$3000 and have nothing to show for it."

Charley Sowell, Commissioner of Precinct 1, who is a brother of the contractor, abstained from voting.

Also approved was a bid of \$558.30 submitted by The Ink Spot of Hereford for 14 steel chairs for the jury room. The chairs are of steel construction with padded seat and back.

An identical bid, for almost identical chairs was submitted

(Continued on page 3)

Burglar Takes \$7, Stamps In City Firm Break-In

City Police reported today that persons burglarized the Foxworth & Galbarith Lumber Co., 234 E. 2 St., between closing time Monday and 7:35 a.m. Tuesday when the break-in was discovered.

Investigation revealed that only \$7 in change and a quantity of postage stamps were taken even though all of the desk and drawers in the building had been searched by the burglar, according to Roy Hancock, investigating city patrolman.

Hancock said, "The burglar entered the yard by climbing over the fence and then trying to enter the building by prying open the window on the south side of the building. When he could not get this window open he broke out a window on the west side of the building."

Chief of Police Marshall Padgett said, "We cannot be sure exactly what is missing until a complete and thorough check is made, apparently only change and stamps are missing."



OUTSTANDING HD MEMBER — Mrs. J. G. Fortenberry, a veteran of 30 years in Home Demonstration Club Work, was named the "Outstanding Home Demonstration Club Woman of the year" at the annual appreciation dinner Monday. She received a check for \$25 and a plaque from The Hereford Brand, and is shown here receiving the award from Melvin Young, Brand Managing Editor. (Brand Staff Photo)

Around...

(Continued from page 1)
 nounced this week. The honor goes to students with 3.0 grade average or better.
 James H. Thomas, airman USN, son of Mrs. W. L. Linville of Hereford, is now serving with the Sixth Fleet in the Mediterranean Sea. He is aboard attack aircraft carrier UUS Independence.
 Texas Department of Public Safety said Wednesday motor vehicle inspections are lagging in Deaf Smith county. Only 31 percent of the county's registered vehicles have been inspected for their 1964 stickers, said Capt. Alan Johnson, MVI supervisor for this area. Deadline is April 15.

Ways...

(Continued from Page 1)
 Present at the luncheon meeting, which was held Tuesday, at Hereford's Country Club, were Mrs. Irving Alexander, chairman; Mrs. M. C. Adams, Mrs. Jimmie Gillentine, Sam Nunnally, Melvin Jayroe, Bill Thompson, Chamber of Commerce manager, Henry Benson and Filippo.

Missing...

(Continued from Page 1)
 plained that in the newer additions, home mail service is not established until all houses have been numbered, but the office here is not refusing to deliver mail to older un-numbered houses even though, under postal regulations, they could refuse to leave mail at houses that carry no numbers.
 "We don't intend to refuse mail," Filippo said, "but it would certainly make our task easier if people would put up house numbers."
 So he wound up with this appeal: "Please number your houses."

House...

(Continued from page 1)
 were elected for the 24-man UF board. They are Clint Formby, Wheeler Sears, Mrs. James Higgins, Mrs. John D. Pitman, Melvin Jayroe, Melvin Young, Frank Ford Jr., and Dub Hair.
 Outgoing members of the board are Frank Desner, Pete Carmichael, Elmer Combs, Don Baugous, J. V. Perrin, Donald Hicks, Mrs. J. C. Easley and Mrs. Curtis Treweek.
 The organization discussed plans for the coming year, and added one new amendment to the UF constitution. House presided in the absence of the president who was out of town.

SAMMY LANE
CUSTOM HOMES



RECOGNIZED AT LUNCHEON — Mrs. Ray Stewart, left, was presented a certificate for two Peace roses by Argen Draper, county home demonstration agent, during the Appreciation Luncheon Monday at the Community Center. Mrs. Stewart received the honor as Deaf Smith County Soil Conservation Housewife of 1964. (Brand Staff Photo)

Court...

(Continued from Page 1)
 by Connell Stationery Co. of Amarillo. The local bid was accepted by a unanimous vote of the commissioners.
 The court also reviewed expenses of each of the county departments, a procedure that has been initiated to help control operational costs for the county. They also approved the expense account submitted by J. W. "Lefty" Thomas, County Agent, and approved the paying of expenses for assistant Tax Assessor-Collector H. A. Tuck to attend the 1964 training program for all Texas assessors to be held in Corpus Christi, March 15-18.
 Tuck will travel with school tax collector Orpha Clink, sharing expenses of the trip. Approval was given for the opening of 1 1/2 miles of county road, located in Township 2n, Range 3E, beginning at the south extremity by Deaf Smith County and running 1 1/2 miles north between sections 27-26 and 22-23.
 Deaf Smith County Chamber of Commerce manager W. T. (Bill) Thompson appeared before commissioners asking their cooperation in trying to organize a civil defense unit for Hereford, plus securing radio and other emergency equipment for the county.
 It was suggested by Thomp-

son that the local Civil Air Patrol, Red Cross Chapter, Riders Club, Department of Public Safety and Sheriff's office might work together in forming an effective CD unit.
 It was pointed out by Thompson that Civil Defense Units from out of the county had rushed into the area during the last snows torn, preparing to aid in the rescue of two Deaf Smith County ranchers who had been reported as missing.
 The missing men were located however, before the CD units had to be put into search. "It's too late after the emergency has happened" said Thompson. He also advocated the purchase of a surplus army weazel for use during blizzards.
 Commissioners voiced their concern for civil safety and pledged their support for the program.
 In final action, Commissioners gave tentative approval for the purchase of a large number of reflector type warning signs to be used on county roads, instructing County Clerk B. F. Cain to write for information concerning "volume" purchase of the signs.
ATTEND FUNERAL
 Mr. and Mrs. C. R. Allison, Edward, and Charles, returned Monday from Hico, where they attended the funeral of their grandfather, Allison, 91.

Specials Good Thur., Fri., and Sat., Feb. 27, 28, 29

PICNICS

Decker's
Pure Pork Sausage
 Lb. 39¢ 5 Lbs. \$1.79

USDA Graded
Short Ribs 29¢

Decker's
29¢
 Lb.

Rib Steak Lb. 79¢

Hamburger Meat 3 Lbs. \$1.



- Shurfine Fruit Cocktail 303 4/\$1.00
- Shurfine Grape Juice 24 oz. 2/\$.79
- Shurfine Gr. Beans Ct. Bl. Lake 4-Sv. 303.. 5/\$1.00
- Shurfine Frozen Limas Grn. Baby 10 oz. 5/\$1.00
- Shurfine Luncheon Meat 12 oz. 2/\$.79
- Shurfine Macaroni or Spaghetti Elbo 2 lbs. 2/\$.79
- Shurfine Frozen Mixed Vegetables 10 oz. 5/\$1.00
- Shurfine Vienna Sausage 4 oz. 5/\$1.00
- Shurfine Waffle Syrup 32 oz. 2/\$.79
- Shurfine Cheese Spread 2 lbs. \$.69
- Shurfine Coffee Reg. or Drip - 1 lb. \$.63
- Shurfine Low Cal Pop Asst'd. Flav.-12oz... 6/\$.49
- Shurfine VP-Corn Golden 12 oz. 7/\$1.00
- Energy Powdered Detergent 47 oz. \$.49
- Shurfine Noodles Med.-Wide-Ex-Wide 12 oz. 3/\$.69
- Shurfine Frozen Okra Whole Baby 10 oz. 5/\$1.00
- Shurfine Peaches YC Sli. or Hlvs. No. 2 1/2 4/\$1.00
- Shurfine Peanut Butter 18 oz. \$.49
- Shurfine Early Harvest Peas 303 5/\$1.00
- Shurfine Pickles Fr. Kosh. or Pl. Dill 48 oz. \$.49
- Shurfine Pork & Beans 300 9/\$1.00
- Shurfine Preserves Strawberry 18 oz. 2/\$.89
- Shurfine Salad Dressing Qt. \$.39
- Shurfine Shortening 3 lb. Can \$.59
- Shurfine Spinach 303 7/\$1.00
- Soffin Toilet Tissue 4 Roll Pak 12 Rolls/\$1.00

Shurfine — Tall Can
MILK 8 FOR \$1

Shurfine — 46 Oz.
TOMATO JUICE 4 FOR \$1

Shurfine — Chunk Style—Flat Can
TUNA 4 FOR \$1

Shurfine—14 Oz.
Catsup 6 For \$1
 Shurfine—All Green Cut—300 Can
Asparagus Spears 4 For \$1

Shurfine Flour 10 Lb. Paper Bag 69¢
 Shurfine* — Frozen
Broccoli Spears 5 For \$1

ICE CREAM

Borden's — Glacier Club
 1/2 Gal. **59¢**

Motor Oil

Havoline
 C15CL **\$8.39** CASE

\$100 Winner
Mrs. Don Smith
\$1 & \$5 Winners

Too Numerous To Mention

\$25 Winners
 Mrs. Fred Muller
 Mrs. James Cash

WIN \$100 BONUS BOWLING
 WIN \$100 BONUS BOWLING

- Shurfine **Crackers** 19¢
- 10 Oz. **Instant Folger's** \$1.19
- Gerber's—Str. Fruits & Veg. **Baby Food** Jar 10¢
- Reg. Size **7-Up** Plus 39¢

Lg. Cello Pkg.
Tender Crust Cookies 49¢

\$1 Size
Woodbury Hand Lotion Plus 39¢
 Tax

EGGS Nest Fresh — Grade 'A' Large Doz. **43¢**

TOMATOES 29¢

GRAPEFRUIT Texas Lb. 10¢

POTATOES Red 10 Lbs. 29¢

DELICIOUS APPLES 3 Lbs. 25¢

FORD HARDTOP SIZZLER



(OPTIONAL 425-hp THUNDERBIRD V-8 SMOOTHS AND SHORTENS OUR LONG OKLAHOMA ROADS!)

Oklahoma Ford Dealers' hardtop sales are sizzling! And this Ford Galaxie 500 2-Door Fastback Hardtop is one powerful reason why. Hundreds of pounds heavier, it's stronger, smoother, steadier than any car in its field. It features total performance — tempered, honed and polished in open competition. Get acquainted with Ford's winning ways. Test-drive this Ford hardtop sizzler at your Oklahoma Ford Dealer's.

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★ YOUR HOME TOWN BOYS ★

★ CASH AND SAVE ★

LOW LOW EVERYDAY SHELF PRICES PLUS S & H GREEN STAMPS

Joyce Bezner And Jon David Miller Crowned 1964 4-H Queen And King

Approximately 400 persons were present at the High School Auditorium Saturday evening to attend the annual 4-H Share-the-Fun Festival. Maura McAndrews served as Mistress of ceremonies as 16 skits were presented by ten 4-H clubs in the county, and the 1964 4-H King and Queen were crowned.

Joyce Bezner and Jon David Miller were crowned 1964 4-H Queen and King in a coronation service led by Larry Minks, the 1963 4-H King. The Queen was presented a bracelet and crowned with a rhinestone tiara as lasting remembrances of the occasion. The King was presented a cuff link and tie clasp set engraved with "1964 4-H King". Dorothy Marnell was also a candidate for Queen, and other candidates for King were Robert Galley, Joel Williamson, and Thomas Betzen.

roy Williamson and Mrs. A. J. Bezner. Other clubs receiving blue ribbon awards were: Happy Workers, "Emergency Operation"; Willing Workers, "4-H in the Barn"; Merry Maidens, "Meanwhile, Back at the Morgue"; and Westway, "Apartment for Rent".

Receiving red awards were: Ford Club, "The Kiddlehoppers Go 4-H"; Happy Hustlers, "4-H Do-It-Yourself Kit"; Jolly Guys and Gals, "The Minutes of a Ghost Convention"; Westway, "A Teenagers Dilemma"; Dawn Boys, "Custer's Last Stand"; and Merry Maidens, "Gossip".

Edward Hammett was in charge of the presentation of awards. Judges of the skits were

Mrs. Frank Prowell, Mrs. Claude McDougal and Melvin Jayroe.

The winning skits in both the junior and senior divisions will be entered in competition in the District Elimination Contest in Canyon April 25.

Under the direction of Carole Clearman, musical selections were played between skits and for the coronation service by representatives from eight of

the 4-H clubs in the county. Maura McAndrews served as chairman of the Share-the-Fun Festival Committee, assisted by Edward Hammett and Margaret Minks. Adult advisors for the committee were Mrs. H. H. Miller and Mrs. E. C. Hammett. Margaret Minks was in charge of ushers and seating of the contestants, and Larry Minks and Jon David Miller served as stage crew.



WINNING SENIOR SKIT — Members of the Willing Workers 4-H Club presented the skit, "A Visit from Grandma," Saturday night as their entry in the annual 4-H Share-the-Fun Festival. As first place winner in the senior division, this skit and the winner in the junior division will be entered in District Elimination Contest in Canyon April 25. Acting in the skit were, from left to right, Carole Clearman, Becky Higgins, Nancy Smith, Randy Hopson, and Toni Beauchamp. Mrs. E. D. Hopson is their coach. (Brand Staff Photo)

Last...

(Continued from Page 1)

in the junior division the winning skit was "4-H Musicians," presented by the Walcott 4-H girls. Members of this cast were Mary Alice Burrus, Charlene Weaver, May Ruth Weaver, Mary Ramos, Margaret Minks, and Nancy Minks, coached by Mrs. Norman Minks.

Second place in the junior division was awarded to the Dorothy Prowell 4-H Club, who presented "The Three Bears and 4-H." Members of this cast were Sue Kirby, Susie Shirley, Margaret Adams, Joette Hanna, Terri Townsend, and Wileta Wylie, coached by Mrs. C. A. Smith.

In the senior division the winning skit was "A Visit from Grandma," produced by the Willing Workers 4-H Club, featuring Nancy Smith, Carole Clearman, Randy Hopson, Toni Beauchamp, and Becky Higgins. They were coached by Mr. E. D. Hopson.

Second place was awarded to the Ford Club's "Wire Trouble," with Joyce Bezner and Joel Williamson, coached by Mrs. Le-

Schools...

(Continued from Page 1)

these recommendations. The expansion program of 1962 provided for 17 new elementary classrooms at northwest and for 12 classrooms in senior high school. Also added to the school facilities were a language laboratory and girls' physical education facilities, along with greatly expanded shop buildings. Old temporary wooden shops building were replaced with permanent buildings which more than doubled the housing for shops. Power mechanics, electricity, metal work and enlarged agriculture laboratories were added.

"We figured that roughly the enlarged facilities would provide for 1000 new pupils stations (pupils' desks) and since enrollment was only 2600, we figured we would have room for 3500 to 3600 pupils before we would need to be concerned," the superintendent explained. "Well, we're at that point now, two to three years earlier than we had expected."

Our enrollment is now 3500, and this is a steady enrollment, too. In past years, we have had an enrollment decline through the year as transient workers here for autumn harvest moved out. Such has not been the case this year; our enrollment has remained constant. In fact, it has shown an increase since the September figures.

The 1962 high school facilities were engineered to care for 1000 students, but already the figure is up to 870 and will pass the 1000 mark next year, school officials point out.

Stevens told the board that he anticipates an enrollment of 1100 in senior high school alone by next fall, as indicated by the large number of pupils who will be coming in from junior high more than filling the gaps of those graduating in May.

"That would be our expected figure," he said, "even if we had no more people moving into town, but with the increased industries we now have, we know that many new families will move to our district before school opens next autumn, the superintendent said."

The superintendent says many of the pupils next autumn will be living in farming areas served by the Hereford school district. "I believe that the additional farm workers who will come here to handle the sugar beet crops will perhaps bring about our greatest school enrollment increase," the superintendent sums up.

The school board at its Tuesday morning called session spent most of its time discussing the near-critical school housing problem.

In another action, however, David Patterson, a mathematics teacher in senior high, was granted a one-year leave of absence. He has been granted a mathematics scholarship at the University of Oklahoma for the 1964-65 school year and will be leaving at the end of the current year to study at Norman.

Fortenberry

(Continued from page 1)

she also is active in Sunday School and Church and is pianist for the Bippus church and Sunday School.

In citing Mrs. Fortenberry for this award, it was pointed out that besides her housework, she enjoys outside work and helps her husband with the stock and farm work when needed. Her hobby is raising chickens and turkeys and gardening.

Mrs. Fortenberry served on the Red Cross Drive and on last autumn's United Fund campaign. Her daughter is now president of the Bippus club.

Of her the Bippus club said: "The Bippus club selected Mrs. Fortenberry because she is a very sweet and nice person who is always willing to do whatever she can to help out in any way and to help others."

And of club work, Mrs. Fortenberry said: "I find, as a club member, there are closer relations with friends and neighbors; we all live so far apart we cannot visit very much except when our club meets. We always try to be there for our club work and a get-together of neighbors. We learn shorter ways of canning; how to save time and energy, buying and storing meats and cooking and sewing."



WINNING SKIT IN JUNIOR DIVISION — "4-H Musicians" was the title of the winning skit in the junior division Saturday night at the 4-H Share-the-Fun Festival at the High School Auditorium. Participants in the skit, members of the Willing Workers 4-H Club, are, from left to right, Mary Alice Burrus, Nancy Minks, Mary Ruth Weaver, Margaret Minks, Mary Ramos, and Charlene Weaver. Mrs. Norman Minks is their coach. (Brand Staff Photo)

J. L. MARCUM L. R. CLAY
C. H. JAMES L. R. (Col.) BOGGS
LINDSEY

"DODGE-LESS" SALE
NO DODGES IN THIS BUNCH

1963 FORD GALAXIE 500 2 door, Radio, Heater, 390 engine, with 4 in the floor.	\$2395
1963 RAMBLER STATION WAGON, 4 door, radio, heater, automatic, air condi., 1 owner—only	\$1995
1962 MERCURY STATION WAGON, 4 door, power steering, brakes, windows, seats, automatic trans. & air. Another sharp one owner.	\$1995
1962 FORD GALAXIE 500, 2 door Hardtop, radio, heater, 390 engine with standard and overdrive. This is a great buy.	\$1995
1960 IMPERIAL 4 door load-ed—Luxury all the way.	\$1895
1962 MERCURY MONTEREY, 4 door, power steering & brakes, automatic & air con. A steal at.	\$1795
1961 CHEVROLET IMPALA 4 door, V-8 with overdrive—1 owner.	\$1595
1962 FALCON STATION WAGON, 2 door, clean & economical—only	\$1395
1960 CHEVROLET STATION WAGON—A good clean car	\$1095
1961 COMET—2 door with radio & heater.	\$995

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HI-WAY

AUTO SALES

600 W. 1st EM 4-0501

Sandi Says...

By Sandi Thomas

What happened? There wasn't much excitement last weekend, but I'll let you in on what there was.

Maybe you've noticed that there was one less boy around school. The missing person is Andy Stovall who moved to Muleshoe Sunday, Feb. 16. Good luck in your new home, Andy.

It seems Ann Mercer has a car now. It's a brand-spanking new '64 Impala Sport Coupe. The interior is blue, the outside is white, and the outside top is blue. Congratulations on a fine job of fast talking, Ann. How'd ya do it?

The debate teams are scheduling a weekend in Lubbock, March 6 and 7. Friday night, they will listen to and participate in debates at the First Baptist Church. All day Saturday they will enter contests on Persuasive Speaking, Informative Speaking, and Interpretive Speaking. Good luck! Donna Hill and Beverly Le-

mons left for Earth last Saturday morning to visit Beverly's relatives. They returned Sunday afternoon. From what they tell me, they had quite an exciting time.

Louis and Jennifer Barnett came home from Colorado last weekend. While here, Jennifer had a coke party at her home last Saturday afternoon. Those who were present to listen to reports of the Barnett's new home were Suzanne Hart, Sharon Hagans, Patsy Smith, and Jan Scott.

Larry Noland, Jackie and Ronnie Andrews, and Donna Olson left last Friday for the big city of Houston. Jim Higgins left last Sunday for the stock show as did the others. Larry showed his commercial steers yesterday and the others showed their club steers.

Jerry Tucker was the host of a small but fun get-together at his home last Sunday afternoon. Those who gathered to eat, dance, and goof-off were Vickie Gordon, Sid Bayne, Danny Loerwald, Gary Tucker, and Yours Truly.

Congratulations go to the kids who were cast for the all-school play. June Mad. Barbara Langley was chosen for the female lead, Penny Wood. For the male lead, Chuck Harris; Paul, Christmas was chosen. John Lesly will play Roger Van Vleck; Jimmie Davis, Mrs. Wood; Dian Wilson, Milly Lou; Charles Doanes, Dr. Wood; Kathy Pool, Shirley Wentworth; Clint Oliver, Ralph Wentworth; Jon David Miller, Mervyn Roberts; Larry Hill, Mr. Harris; Linda Price, Julie Harris; and Maura McAndrews, Effie. These kids are working real hard so so that they will give a good show of themselves Monday and Tuesday nights, March 16 and 17. From what I've heard it should be quite a performance. As of yet, there are no dances scheduled for the coming week. You might run by the Community Center to check the signs, though.

Have You Tried
FLAVOR CRISP CHICKEN?
"It's Delicious"
Reg. Order \$1.00

Rainbow Drive Inn

West Hwy 60 EM 4-2306

SPECIAL THIS WEEK ONLY

Malts 29c Hamburgers 29c

Legal Notice

INVITATION TO BID

The Board of Managers of the Deaf Smith County Hospital, Hereford, Texas, will accept bids on the following items of Television equipment, said bids to be in the office of the Administrator, Deaf Smith County Hospital, P.O. Box 552, Hereford, Texas, not later than 5:00 P.M. March 11, 1964.

Items:

- 20-19" remote control television sets designed to be wired into hospital audio communication system, more specifically the Hill-Rom Executive Electronic Bedside Unit as manufactured by Executive.
- 8-19" Portable television sets with standard controls and tuning.
- 8-Wall brackets for above standard sets.

Prices quoted should include freight and transportation to the hospital job site at Hereford, Texas.

Delivery on the above sets to be approximately June 1, 1964. The Board of Managers reserves the right to reject any or all bids.

DEAF SMITH COUNTY HOSPITAL,
T. E. Seigler, Administrator,
T-9-2e

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Hotel Jim Hill

Hereford Rotary Club
meets every
Monday at 12:05
RANEY'S RESTAURANT

Kwanis Club
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JUSTICE HOUSES
See this new home at 142 Gum by Justice Realtors.
Very nice two bedroom brick with covered patio, built-in range, garage, carpet and fenced yard. Located in northwest Hereford. \$1500 down, \$79 per month.
Three bedrooms, one bath, large garage and finished storm cellar. Located at 115 Ave. C. Oversized lot. Clean as a pin. FHA financing available.

FARMS
320 acres northwest of Hereford. One 8" well on natural gas. 200 acres maize, 49 acres wheat, lays beautiful. \$425 an acre, 29% down.
Quarter section near Plainview. Lots of water and good cotton. Will trade for 1/2 to 1 section stock farm in Hereford area.
935 acres, 585 acres cultivated land, five wells on natural gas with underground tile. 494 acres of allotments. Full possession. \$410 an acre.
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Large 2 bedroom brick. 829 Brevard. Low, low, down payment and terms to fit your budget. Call for details. H-26.
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More space for less money. Three bedrooms, 1 1/2 baths, carpets, central heat, double closets in every bedroom. Will trade. H-321.
New three bedroom brick, FHA terms, payments \$76 per month. Less than \$500 down. Call for an appointment. H-37.
— FARMS —
Quarter section, new brick house, 46 acres wheat, 96 acres milo, good 8" well. \$500 an acre, easy terms. F-27
Section and a half of Colorado land. 460 acres cultivated, another 180 good level land. Subject to water. Only \$77,600. F-516
320 acres north of Black in Deaf Smith County. Two wells, good allotments. Call for details. F-35.
We have several small tracts close to town for suburban living. \$600 to \$1,000 an acre.
— EVENINGS & SUNDAYS —
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162 A., 150 cu., 1-8" well, good allot., irr. 1/2 sec. lease to go with sale.

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Good 640 acres, with 1-8" well, impr., Deaf Smith Co., Price \$300.00 A., terms.

Good 320 acres, 1-8" well, Deaf Smith Co., Price \$325.00 A., terms.

Have some 5, 10, 20 and 80 acre tracts near Hereford, some imp.

HOMES
2-bedroom, frame, single garage, fenced yard and storage building, \$375.00 down.

3-bedroom frame, double garage, \$9,000.00 only \$500.00 down, buyer get loan.

3-bedroom brick with den, double garage, stove and oven, fenced yard, \$17,900.00, loan \$15,000.00

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J. M. Hamby EM 4-2553
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B-4-8-tfc

FOR SALE
Irrigated Farm Land. Have several good farms for sale.

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G. W. Newsom Agency
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Res. EM 4-3338

B-4-33-4c

FARMS & RANCHES FOR SALE
FINE 1/4 SECTION. Near Summerfield. All perfect clean level land in cult. Fully allotted. Fair improvements. Good 8" well on natural gas. 1/2 Min. Poss. Price and terms on request.

1/4 SECTION. NW Hereford. Nice 2 bed room home, 2 8" wells on Natl. gas. All good land in cult. Good allotments. Possession. Terms. Per acre \$395.

GOOD SECTION. NW Hereford, all good land in cult. Good wheat and maize allotments. 3-8" wells on natl. gas. Rent goes this year. Possession next year. 29% down. Long time terms on Bal. Per A \$395.

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Hereford, Texas

B-4-9-tfc

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PARMER COUNTY, 155 Acre
Farm. 84 maize, 11.6 cotton, 37 wheat. \$500.00 acre. Call Billy Bell, BR 6-5131.
B-4-9-2c

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PARMER COUNTY, 160 acre
farm. 51 maize, 14.6 cotton, 82.8 wheat. \$550.00 acre. Call Billy Bell, BR 6-5131.
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Hereford, Texas
Phone EM 4-2528

B-4-9-tfc

LOANS FARM & RANCH FAST SERVICE
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EM 4-3566
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B-4-35-TFC

5. FOR RENT

FOR RENT: Nice large three room furnished apartments, water paid. \$45.00 to \$65.00 per month. Children and pets allowed. Call OL 5-3364 or inquire 2507 9th Ave., Canyon, Texas.
B-5-28-9-6c

FOR RENT: two bedroom house with big basement. Call Bill Bradley. EM4-2610 or EM4-3330.
B-5-14-8-tfc

FOR RENT: House in Summerfield. Call BR 6-4188 or AV 9-4123.
B-5-10-9-TFC

THREE ROOM furnished apartment. Contact Mike Wilson. EM 4-1800 or EM 4-1036.
B-5-10-9-TFC

ONE BEDROOM unfurnished apartment for rent. Nice. Carpeted. Available March 1st. Call EM 4-2488.
B-5-13-8-TFC

TWO NICE HOMES: for rent. Whites only. No pets. Call after 5:00 p.m. EM 4-1758
B-5-14-34-tfc

FOR RENT: Two bedroom unfurnished house, near schools. Call EM4-1081.
B-5-10-34-tfc

FURNISHED Apartment for rent. Palo Duro Apartments. 608 East Third.
B-5-10-34-tfc

FOR RENT: Two bedroom furnished apartment for Latin Americans. Bills paid. Call EM4-0972 or EM4-0783.
B-5-15-34-tfc

FOR RENT: Building at 621 East First Formerly Allis-Chalmers Dealer location. Phone EM 4-1111.
B-5-13-6-tfc

FURNISHED APARTMENTS
Two of the nicest two bedroom apartments, anywhere. All carpeted, drapes, central heat, refrigerated air, washer connections in each apartment, dryer furnished in basement. Has off-street parking, large lawns with grills, tables, chairs, huge trees. These are extra large apartments and are available on six month lease only at \$150 monthly, pay last month in advance. You pay electric bill only... we pay all the others and keep beautiful lawns.

These high restrictions are for your protection... and we do take nice children, no pets. We have never had an undesirable tenant in these apartments. Get keys at 504 East 6th.

NUNNALLY'S
Ph. EM 4-0555 or EM 4-2814
B-5-7-tfc

CAR LOT for rent. Phone EM 4-3566.
B-5-10-31-tfc

APARTMENTS FOR RENT
Looking for 2 large bedrooms with double bath, complete with all the trimmings? Before you move you owe it to yourself to see these outstanding features:
Luxurious Carpets
Private Patio
Paneled Living Room
Drapes
Refrigerator - Stove
Dishwasher
Plumbed for Washer & Dryer
Ample Storage
THUNDERBIRD APARTMENTS
So. Centre & Park Ave.
Open from 2 to 6
Or call for an appointment
MARK IV REALTORS
EM 4-2220
B-5-28-tfc

NICE TRAILER Space for rent. Call EM 4-0302.
B-5-10-9-TFC

FOR LEASE: my home. White, Adults. Phone EM4-0028.
B-5-10-6-tfc

FOR LEASE New two bedroom split level duplex apartment, unfurnished. Central heating, refrigerated air, tile bath, carpet, 13th and B. Shown by appointment. EM-4-1111.
B-5-24-30-tfc

6. WANTED

WANTED PASTURE for truck load or more calves until about May 1st. EM4-3817.
B-6-13-34-3c

MINISTER affiliated with United Pentecostal Church, Inc., would like to rent a building suitable for Church Service one per week. Rev. Freddie R. Johnson, Box 5053, Amarillo, Texas.
B-6-34-2c

WANTED: 50 or 60 H.P. Electric Motor. Call EM4-0916.
B-6-10-76c

NEEDED LISTINGS on farms, homes, businesses and commercial property. Justice Realtors.
B-6-11-4-TFC

7. HELP WANTED

STANLEY HOME Products is pleased to announce their new Lady Catherine Beauty Aid Line. Demonstrators needed. For information write: Frances Layman, Box 284, Dimmitt, Texas.
B-5-25-9-6c

Are you looking for a good part-time of full-time income in Deaf Smith Co. or Hereford? Many Rawleigh Dealers earn \$2.50 and up per hour. See Clifford Leake, P.O. Box 438, Bovina or write Rawleigh, Memphis, Tenn.
B-8-34-2p

WANT EXPERIENCED hand for irrigated farm. Phone. EM4-0213.
B-8-10-8-tfc

WAITRESSES Wanted: Apply in person at Roney's Restaurant.
B-8-10-1-tfc

10. NOTICE

FOR SOFT WATER SERVICE
Or home owned water softeners, see Soft Water Service. **216 N. 25 Mile Avenue**
Phone EM 4-3280
B-10-7-tfc

WHEN IN HEREFORD
Shop for home-made cakes, pies and bread at the H. D. Market located at Taylor & Sons each Friday afternoon and all day Saturday.
T-10-4-TFC

DITCHING SERVICE AND SPRINKLER SYSTEMS
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B-10-19-TFC

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DILLARD EARTH MOVING SERVICE
Bulldozer Work
TROY NEWMAN
Phone EM 4-2072
B-11-42-TFC

CUSTOM LANDSCAPING
Certified business. Work guaranteed. Free Estimates. Dahlhart Nursery
Box 788 Call 249-2633
B-11-33-8c

Whiteface Thinclads Prepare For 1st Track Meet of Year

Hereford High School Track Coach Jeffe Geron announced the 1964 track schedule for the Whiteface thinclads today as the high school speedsters prepare for their first meet of the year at Ft. Stockton Saturday. The 1964 schedule is as follows:

Ft. Stockton	Feb. 29
Brownfield	Mar. 7
Denver City	Mar. 14
Levelland	Mar. 21
Perryton	Mar. 27
Amarillo	Apr. 3-4
Open	Apr. 11
District 1-AAA Meet	Apr. 18

Geron said that the Whitefaces would boast a fine sprint relay team this season in Keny Justice, Wynn Buck, Keith Henderson and Gregg Richards. "The best clocked time by any of the boys so far is Justice's 10:4 in the 100. I think both Justice and Buck are capable of getting that down to a 10 flat," Coach Geron stated.

The local team plans to enter in both relays and can possibly be very strong in the weights with Eddie Johnson and Ron Fowlkes participating in the shot and Neal Lube in the discus.

"We also have returning this year, our miler, Manuel Pacheco who posted a 4:48 mile last year to win second in district competition. We feel this boy stands a very good chance of winning most of the meets we enter in that event," Geron continued.

District 1-AAA competition will be real keen this year with Dumas, Levelland, Littlefield and Perryton all boasting fine teams.

Dumas has won the team championship in the district for the past several years while Hereford finished fifth.

Geron said, "I have been amazed with a new boy we have, Steve Perrin who transferred to Hereford from Amarillo. I think Steve will be real strong in the 800."

"I believe our track program

FFA Pupil Tells History, Origin Of Official Creed

The FFA Creed By Gary Richardson

The Creed was written by E. M. Tiffany an adopted at the 3rd. National Convention on the FFA. The Creed goes as follows:

I believe in the future of farming with a faith born not of words but of deeds— achievements won by the present and past generations of farmers; in the promise of better days through better ways, even as the better thing we now enjoy have come up to us from the struggles of former years.

I believe that to live and work on a good farm is pleasant as well as challenging; for I know the joys and discomforts of farm life and hold an inborn fondness for those associations which even in hours of discouragement, I cannot deny.

I believe in leadership from ourselves and respect from others. I believe in my own ability to work efficiently and think clearly, with such knowledge and skill as I can secure and the ability of organized farmers to serve our own and the public interest in marketing the product of our toil. I believe we can safeguard those rights against practices and policies that are unfair.

I believe in less dependence on begging and more power in bargaining; in the life abundant and enough honest wealth to make it so — for others as well as myself; in less need for charity and more of it when need; in being happy myself and playing square with those whose happiness depends upon me.

I believe that rural America can and will hold true to the best traditions in our national life and that I can exert an influence in my home and community which will stand solid for my part in that inspiring task.

National FFA week ends on Washington's birthday. Washington was not only a great General in the revolution but he also was one of the very first scientific farmers.

OWENS & HOLLINGSWORTH
EM 4-3572
Commercial - Industrial Residential Wiring
809 EAST SECOND
Magna - Starter Generator & Electric Motors Rewind
Sales & Service
B-11-13-TFC

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NEW RANGE FOR CAMPFIRE — Gary Royal, employee of Sunset Appliance, completes installation of new range for the Campfire hut. Range was donated by Rottarian Gwynne Owen. (Staff Photo)



FINAL RITES FOR Mrs. ROBERSON — Mrs. Robertson, mother of Charles Roberson, were conducted Wednesday at 10 a.m. in the First Baptist Church, Hobbs, N.M., with the Rev. Truitt Allen officiating. Burial was in West Park Cemetery under the direction of Gilliland Funeral Home. (Brand Staff Photo)



RECEIVE SCOUTING AWARDS — These cubs in den three of Pack 52 received awards at their blue and gold banquet held in the Community Center Friday night. From left to right, they are Randy Cromer, Gary Hicks, Paul Villarreal, David Hicks, Jody Treadwell, Steve Eastley, Clifford Ross, Teddy Seyfert, and Steve Lyons. (Brand Staff Photo)

(Staff Photo)

(Brand Staff Photo)

(Brand Staff Photo)



WHIPPED CREAM CAKE — Mrs. A. N. Hopson, Country Club Drive, slices a whipped cream cake topped with coconut. Recipes for the cake and breads ideal for serving at coffee are included in Let's Cook Something! this week. (Brand Staff Photo)

LET'S COOK SOMETHING!

Mrs. A. N. Hopson Shares Recipes Ideal For Coffees

By Dale Stevens
Brand Foods Editor

Mrs. A. N. Hopson, Country Club Drive, was taught to cook by her sister-in-law during the first year she was married. Now her children and grandchildren have a habit of heading for the refrigerator when they come to her house.

Mrs. Hopson was born in Newlin and reared in Oklahoma. She met Mr. Hopson while he was living in Oklahoma. They moved here in 1936. He is a retired farmer. Their children are Mrs. James Lebro, who lives in New York City, Mrs. Gordon Elliott, Sue Loving, and Nathan Hopson. There are five grandchildren.

Mrs. Hopson, whose hobbies are embroidering and crocheting, is very active in Rebekahs, the Patriarchs Canton and Auxiliary, and La Alifatus Estudio Club. She is the current president of the Panhandle Association of Rebekahs.

Most of the recipes chosen by Mrs. Hopson for the Brand are ideal to serve at coffees. They can be prepared in advance and frozen.

Banana Nut Bread

1/2 cup shortening
1/2 cup sugar
1 egg, well-beaten
1 cup All-Bran
2 T. water
1 1/2 cups mashed bananas
1 1/2 cups flour
1/2 t. salt
2 t. baking powder
1/2 t. soda
1 t. vanilla
1/2 cup chopped nuts
Cream shortening and sugar; add egg. Then add bran and bananas. Add sifted dry ingredients and mix well. Stir in vanilla and nuts. Bake in greased and floured loaf pan one hour at 350 degrees.

Duck Nut Bread

2 eggs, beaten
1 cup sugar
3/4 cup melted shortening
2/3 cup light molasses
1 cup sour milk or buttermilk
1 1/2 cups white flour
1 t. salt
1 t. soda
1 1/2 cups whole wheat flour
1 cup raisins
1 1/2 cups nuts
Beat eggs and sugar until thick; add shortening and molasses; mix well. Add sour milk and vanilla. Sift together white wheat flour and add; beat flour, salt, soda, and whole smooth. Add raisins and nuts. Bake 50-60 minutes at 350 degrees in greased and floured loaf pan.

Orange Nut Bread

1 medium orange
1 cup raisins or dates
2 T. shortening
1 t. vanilla
1 egg, well-beaten
2 cups flour
1/2 t. salt
1 t. baking powder
1/2 t. soda
1 cup sugar
1/2 cup nuts
Pour juice from orange in 8-ounce measuring cup and add boiling water to fill cup. Remove most of membrane from orange peel and put through food chopper with raisins or dates. Add diluted orange juice, shortening, vanilla, and egg. Sift together flour, salt, baking powder, soda, and sugar and

add. Mix and stir in nuts. Bake one hour at 350 degrees in greased and floured loaf pan.

Pink Salad

1 package (3 ounce) raspberry gelatin
1/4 t. salt
1 cup boiling water
1 t. vinegar
1 cup (8 and 3/4 ounces) crushed pineapple (undrained)
1 cup fresh dates
1/2 cup whipping cream
1/2 cup celery
Dissolve gelatin in boiling water. Add vinegar and pineapple and chill until mixture mounds on spoon. Chop dates fine. Whip cream. Fold dates and celery into thickened gelatin. Fold in whipped cream gently, mixing until just blended. Pour in 1-qt. mold and chill until firm. If desired garnish with stuffed dates and whipped cream.

Meat Balls—Oriental Style

1 1/2 pounds ground beef

1 1/2 cups soft bread crumbs
3 t. chopped onion
1/4 t. dry mustard
1/8 t. salt
1/8 t. pepper
1 egg, beaten
1/3 cup milk
2 t. shortening or drippings
1 can (13 1/2 ounces) pineapple chunks
1/4 cup brown sugar
1/2 t. ginger
1 t. soy sauce
1/4 t. salt
1/4 cup vinegar
1 t. cornstarch
1 large tomato, cut in eight wedges
1 medium green pepper, cut in strips

Combine ground beef, bread crumbs, onion, dry mustard, salt, pepper, egg, and milk. Shape into 38 meat balls. Brown meat balls in shortening or drippings; pour off drippings. Drain pineapple, reserving 1/2 cup liquid. Mix together sugar,

ginger, salt, and cornstarch. Add 1/2 cup pineapple liquid, vinegar, and soy sauce; cook, stirring constantly, until thickened. Add browned meat balls and cook about five minutes. Add tomato wedges, green pepper strips, and pineapple chunks. Cook until heated through. (Yield: 6 servings)

Whipped Cream Cake

Whip 1-cup cream firm. Break 2 eggs into cream; whip again. Add one cup sugar. Sift together 2 cups flour, 3 t. baking powder, and a pinch of salt. Add with 1 t. vanilla to cream mixture and beat well. Bake in two layers in a hot oven. The oven must be very hot or the cakes will be spoiled. Frost with powdered sugar icing.

Powdered Sugar Icing

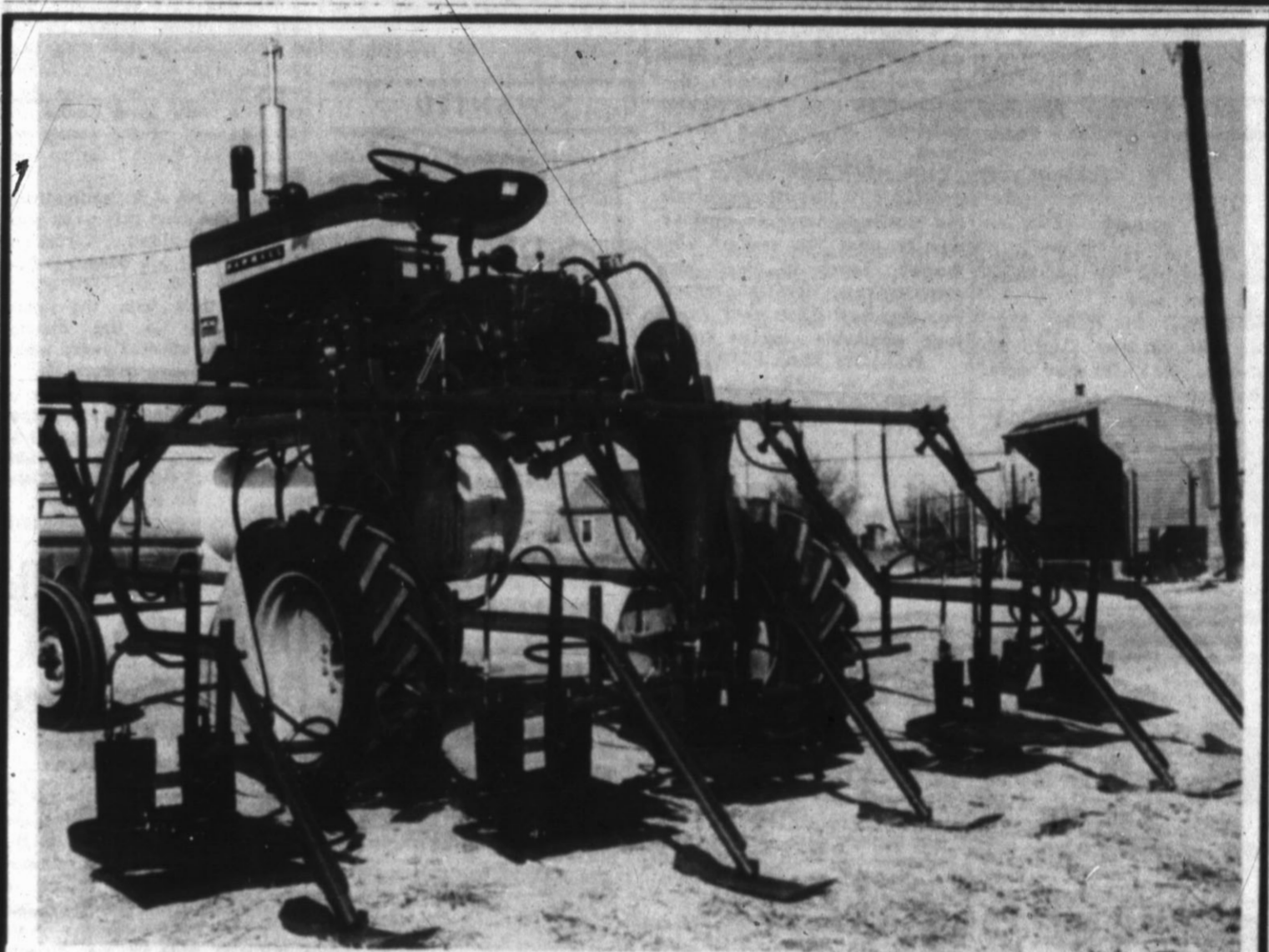
Beat 1 egg; add 2 and 1/3 cups powdered sugar and continue beating. Combine in saucepan 1/4 cup granulated sugar and 7 t. water. Boil one minute and add to powdered sugar mixture, beating while adding. Then add 1/2 cup vegetable shortening and beat until smooth and thick. Add 1 t. vanilla and spread on cake. Coconut may be used between layers and on top and sides of cake after frosting.

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Jones Copeland and B. T. Lusk, both flame cultivation experts will be on hand to speak and to demonstrate the effectiveness of flame cultivation.

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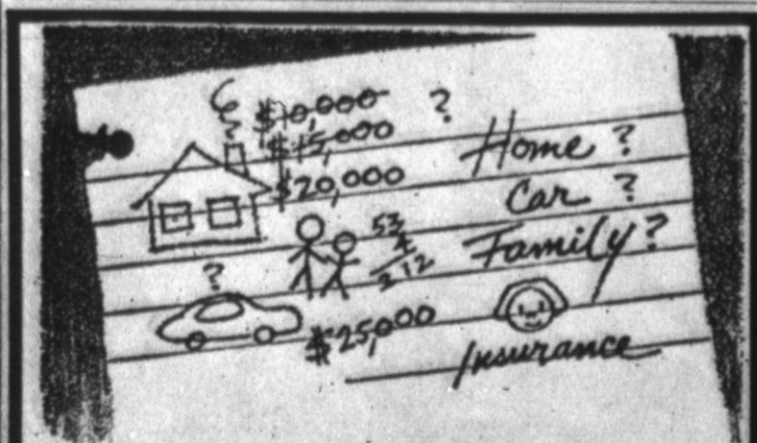


1964 4-H ROYALTY — Joyce Bezner and Jon David Miller were crowned Queen and King for 1964 during the annual Share-the-Fun Festival presented Saturday night at the High School Auditorium by county 4-H clubs. In the background are candidates for king and queen (from left to right) Joel Williamson, Dorothy Marnell, and Thomas Betzen. Robert Galley was also a candidate for king. The coronation ceremony was conducted by Larry Minks, the 1963 4-H King. (Brand Staff Photo)

Victory Class Has Banquet

Members of Victory Sunday School Class, Avenue Baptist Church, met recently in the Flame Room, Pioneer Natural Gas Company, for a Sweetheart Banquet, with their husbands as guests. Supper was served from a table decorated with roses and hearts.

Games were played after dinner. Those attending were Mr. and Mrs. Jay Daniels, Mr. and Mrs. G. W. Duncan, Mr. and Mrs. Billy Wade, Mr. and Mrs. Clois Kemp, Mr. and Mrs. Johnnie Townsend, Mr. and Mrs. C. E. Coleman, and Mr. and Mrs. James Martin.



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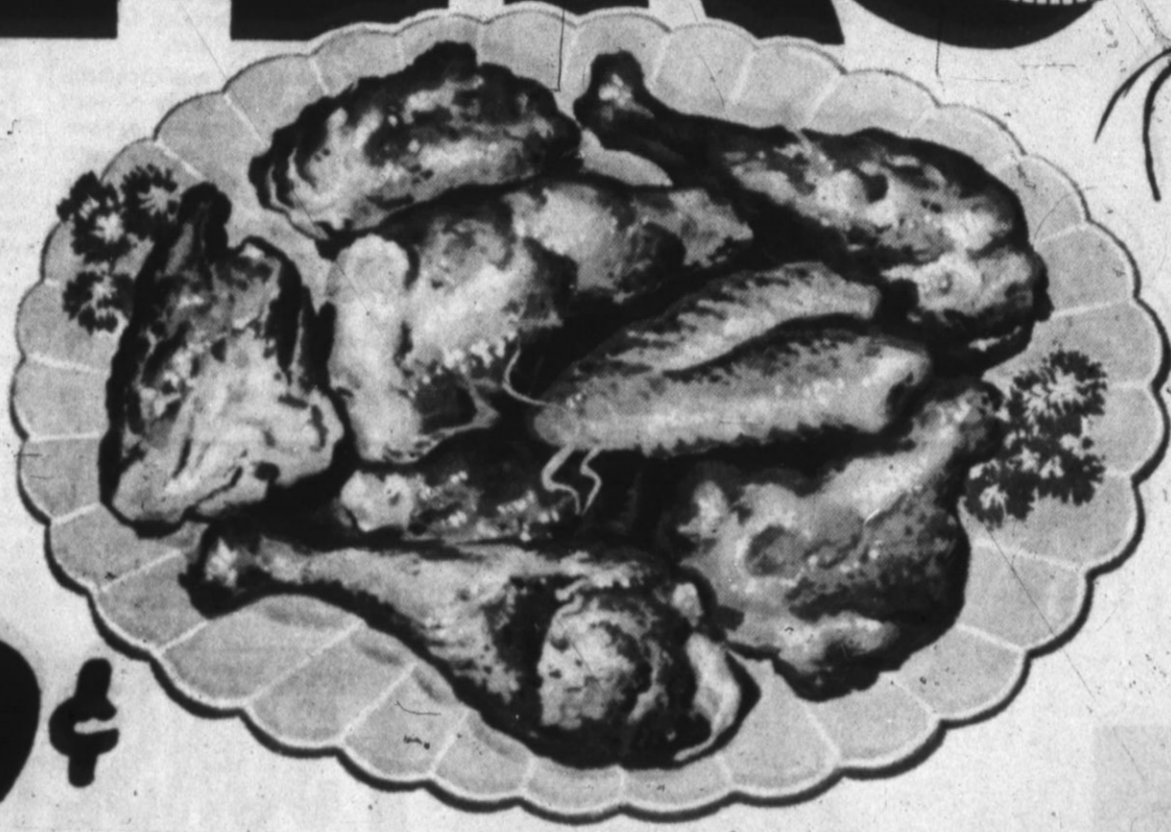
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California Purple Top **TURNIPS** Lb. **10¢**
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Shurfine Peanut Butter 18 oz. \$.49	Shurfine Spinach 303 7/\$1.00	Shurfine Frozen Broccoli 7 years. 10 oz. 5/\$1.00
Shurfine Early Harvest Peas 303 5/\$1.00	Sofflin Toilet Tissue 4 Roll Pak 12 Rolls/\$1.00	Shurfine Catsup 14 oz. 6/\$1.00
Shurfine Pickles Fr. Kosh. gr Pl. Dill 48 oz. \$.49	Shurfine Tomato Juice 46 oz. 4/\$1.00	Shurfresh Cheese Spread 2 lbs. \$.69
Shurfine Pork & Beans 300 9/\$1.00	Shurfine Chunk Style Tuna Flat Can 4/\$1.00	Shurfine Coffee Reg. or Drip 1 lb. \$.63
Shurfine Preserves Strawberry 18 oz. 2/\$.89	Shurfine Frozen Mixed Vegetables 10 oz. 5/\$1.00	Shurfine Low Cal Pop Asst'd. Flgv. 12oz. 5/\$.49
Shurfine Salad Dressing Qt. \$.39	Shurfine Vienna Sausage 4 oz. 5/\$1.00	Shurfine VP Corn Golden 12 oz. 7/\$1.00
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Kraft Miniature Marshmallows 10 1/2 Oz. Bag 25¢
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COOPER'S

4-H Boy Points To Obligations Of Citizenship

Editor's Note: Members of the Dawn 4-H club have been making talks on citizenship. This is one of the series of talks, which deals especially with the obligations that come with citizenship.

By Jon David Miller

In the previous meetings we have heard citizenship defined and suggestion made whereby one may become a more responsible citizen. Tonight I should like to enlarge upon the thoughts which have already been presented and to present some of the challenges involved in proving one's citizenship.

First of all, in accepting the privileges conferred with citizenship, we also assume some obligations. Just this last fall, in our United States of America, a land of freedom and enlightenment, we have experienced one of the darkest hours of history in any civilization—a show of complete lack of respect for the persons representing the heads of our national and state governments; and, following that, a total disregard for the system of law and order which characterizes our democratic form of government.

Now, where there is a definition of responsibility, there is also a challenge to the fulfillment of that responsibility. The duties of citizenship are stated thus by the apostle Paul in his letter to the Christians at Rome and are applicable to us as citizens of the United States of America. St. Paul adjures us thus: "Every person must submit to the supreme authorities. There is no authority but by act of God, and the existing authorities are instituted by him; consequently anyone who rebels against authority is resisting a divine institution, and those who so resist have themselves to thank for the punishment they will receive. For government, a terror to crime, has no terrors for good behaviour. You wish to have no fear of the authorities? Then continue to do right and you will have their approval, for they are God's agents working for your good."

But if you are doing wrong, then you will have cause to fear them; it is not for nothing that they hold the power of the sword, for they are God's agents of punishment, for retribution of the offender. That is who you are obliged to submit. It is an obligation imposed not merely by fear of retribution but by con-

science. That is also why you pay taxes. The authorities are in God's service and to these duties they devote their energies. Discharge your obligation to all men; pay tax and poll, reverence and respect, to those to whom they are due. Leave no claim outstanding against you, except that of mutual love. He who loves his neighbor has satisfied every claim of the law."

Perhaps you consider this an idealistic and impractical philosophy for this modern world. Then consider the challenge to citizenship as posed in these questions:

Can any traveler buy that food and lodging which his means permit any place in the U. S.?

Does every citizen meeting reasonable qualifications have the right to vote?

Do law enforcement officers practice a single standard of justice to all?

Is very line of work open to all and are all jobs filled on merit and ability?

The responsibilities and challenges of citizenship extend beyond the exercise of civil rights—they entail a growth of awareness of the individual in a changing society. With individual freedom come the challenge to self-discipline and respect for the rights of others.

The duties of citizenship extend to include also the conservation of natural resources—and the conservation of natural resources includes not only the wise use and preservation of the gifts of nature, but also the encouragement of mental and spiritual development and the enlargement of one's participation in the world in which he lives.

Our late president, John F. Kennedy, used this illustration:

"There is a story that some years ago an interested mother wrote to a principal of a school, 'Don't teach my boy poetry, he's going to run for Congress.' I've never taken the view that the world of politics and the world of poetry are so far apart. I think politicians and poets share at least one thing, and that is that their greatness depends upon the courage with which they face the challenges of life. There are many kinds of courage—bravery under fire, the courage to risk reputation and friendship and career for convictions which are deeply held. But perhaps the greatest courage of all, and the skill to pursue it is given to very few men, is the courage to wage a silent battle to illuminate the nature of man and the world in which he lives. And this battle can be the role of every citizen as he strives to achieve not only for himself but for his fellow men that dream of 'justice, peace, and harmony for all', to which Washington referred in his Farewell Address.

As citizens of these United States of America, we must make known to all our fellowmen that our right to life, liberty, and the pursuit of happiness implies a responsibility; that every op-



SWEETHEART AND BEAU — Here are James Short and Diedra Thomas, who are the chapter of FHA at Hereford High School. Sweetheart and beau from the Royal Rose the Bull Barn Feb. 15. (Brand Staff Photo)

"It is good to salute the flag; it is noble to love one's own country. But it is even better under that flag to love justice and righteousness; it is even nobler as a citizen to open the heart and extend the hand to our human brothers everywhere and this is the way in which each of us can be a valiant and vigorous soldier in the deadly struggle against atheistic communism."

As citizens of these United States of America, we must make known to all our fellowmen that our right to life, liberty, and the pursuit of happiness implies a responsibility; that every op-

portunity implies an obligation; that every possession implies a duty: that law was made for man and not man for the law; that government is the servant of the people and not their master; that truth and justice are fundamental to an enduring social order; that love alone can overcome hate; and that right can and will triumph over might. Good citizenship is the rendering of useful service to mankind and only in unselfishness is the human soul set free.

I conclude with this offering to my country in the words of Stephen Vincent Benet: "Now for my country that it still may live, All that I have, all that I am I'll give. It is not much beside the gift of the brave And yet accept it since 'tis all I have."

HORIZON CLUB MEETS

A business session was held by Neoki Horizon Club recently, when the group met in the home of Nancy Boyer with Patsy Stoy as assistant hostess.

A regional Horizon Club Conference is to be held in Carlsbad, N.M., April 17-19, and the local group plans to attend. Tentative dates for Day Camp, which the girls handle locally for Blue Bird groups, were discussed, but a definite date will not be announced until later. The group is also planning a weekend camping outing to a lake in the area during the summer.

City Investigates 2 Minor Wrecks In Hereford

City police got a rest from the usual hurried pace of investigating automobile accidents this week as only two accidents were reported involving less than an approximate \$375 in damages to the vehicles.

The first collision occurred at 5:30 p.m. Monday in the intersection of 4th and McKinley.

Involved in the accident were Peaplene Powell, 303 Blevens and James Braly, 510 Union. Damage to Mrs. Powell's car was estimated at \$200 while an estimate of Braly's vehicle showed only \$50 damage. Mrs. Powell was cited for failure to grant right-of-way by Investigating Patrolman Don Aycock.

In a minor collision Wednesday, Juan C. Mendoza, Box 30, and Valaska C. Eastman, 207 Catalpa were in collision at the intersection of Catalpa and 25 Mile Avenue.

Eastman was cited for failure to grant right-of-way by John Hysmith, investigating patrolman. Damage to both vehicles was estimated at \$125.

Always rub flour into the canvas used for rolling out pastry before using; rub flour, too, into the stockinet cover for the rolling pin.

Austin Highlights

By Vern Sanford
Texas Press Association

AUSTIN, — Congressional redistricting is the prime topic of conversation at the state capitol. U.S. Supreme Court shook up officials with a landmark ruling

State Farmer Is Highest Honor In FFA

by Gary Royal

The highest degree that the Texas Association of Future Farmers of America gives is the State Farmer Degree. I received my State Farmer Degree this past year in July.

There are many qualifications to meet and many hours of work to do before getting the degree. A few of the qualifications are: Be enrolled in vocational agriculture, have received your Chapter Farmer Degree and made at least \$500 profit.

Typing is one of the many things that you do to your record books before trying for the degree. I turned in record books for my freshman, sophomore and junior years of high school.

The record books are then sent to District, Area and State. The records have to pass these in order before going to state. There are some 500 to 600 FFA boys from Texas who receive their State Farmer Degree each year.

In Georgia's apportionment case, Court proclaimed that congressional districts must be as nearly equal in population as is feasible. On October 19 a federal court in Houston held essentially the same thing in a Texas case. It declared that unless the state Legislature straightens out present unequal districts immediately, all Texas congressmen must run at large (statewide).

Texas congressmen, state legislators and top state officials are keeping their fingers crossed as they await the Supreme Court's final decision in the Texas appeal. Main hope is that the court will delay the requirement of at-large elections this year and leave present districts intact since the election process already is under way. This would give the Legislature a chance to draft a redistricting bill in regular session next year.

These principal developments followed the Georgia case decision:

1. Attorney General Waggoner Carr filed a new brief asking a full hearing of the Texas appeal. He argued that "indescribable chaos and confusion" would result from statewide election of congressmen this year.

2. Gov. John Connally requested a study of redistricting by Texas Legislative Council. Such a study would necessarily include drafting of model bills. (Equal population for Texas' 23 districts would call for 416,000 in each.)

3. Texas congressmen themselves launched plans for special federal legislation to preserve present districts until the regular legislative session in 1965. Governor Connally has

made clear that if the Supreme Court affirms the Houston court ruling, he will call a special session immediately to try and bring some order out of the "indescribable chaos" referred to in Carr's brief.

Whether the Legislature would pass a suitable redistricting bill in a special session is a serious question.

Redistricting issue definitely is going to figure in the governor's race. Connally already has been criticized for not calling the legislators in to work on the problems months ago. Issue also will be raised in some district contests as challengers charge incumbent legislators with failure to handle the matter in the regular session last year.

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25 LB. PACKAGE \$2.99

This Includes:
Potatoes, Bananas, Tomatoes, Lettuce
PLUS
A Variety of Fresh Quality Produce

Bread	1 1/2 lb. Cello Wrap	29c
Dressing	Wishbone French 8 Oz.	21c
Milk	Kriegshauser's Raw	79c

Round Steak	U. S. Good Lb.	79c
Sirloin Steak	U. S. Good Lb.	69c
Pork Chops	Center Cut Lb.	59c
Pork Chops	First Cut Lb.	49c
Pork Roast	Lean Lb.	39c

We cut, wrap, and quick freeze your meat for your freezer.

Half Beef	U. S. Good	45c	FREEZER PACK 7 LBS. STEAK 7 LBS. ROAST 7 LBS. HAMBURGER 4 LBS. SHORT RIBS \$12.95
Hind Quarter	U. S. Good	55c	
Front Quarter	U. S. Good	37c	



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COOPER'S MARKET



4-H LEADER RECEIVES HONOR — Mrs. A. J. Beznar, right, who will represent District I at the National 4-H Leaders Forum for Adult Leaders in April in Washington, D.C., was presented a certificate for two Peace roses in recognition of her achievement. The award was presented by Jean Beene, assistant home demonstration agent, Monday during the Appreciation Luncheon at the Community Center. (Brand Staff Photo)

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- 1st Week 12 Oz. Water Glass
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- 3rd Week 5 Oz. Juice Glass
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This schedule repeats itself the 5th & 9th weeks.

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Each Piece
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Purchase

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3 For \$1

FRUIT PIES

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44 Qt. Polyethylene—3.98 Val.

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4 Cup Travel Bag—8.95 Val.

KOFFEE KIT

Universal "707"—5.95 Val.

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Epc—Reg. 4.95

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Chuck Wagon — Lb. Cello Pkgs.



TOMATOES each **19¢**

Sunkist Lemons

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2 lbs. 19¢

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Shurfine YOUNG MOTHER HUBBARD "EARLY SAVINGS SALE"

- Shurfine Asparagus Sprs.—All Gr. Cut-300...4/\$1.00
- Shurfresh Cheese Spread 2 lbs. \$.69
- Shurfine Coffee Reg. or Drip 1 lb. \$.63
- Shurfine Low Cal Pop Ass't'd. Flav.—12oz...6/\$.49
- Shurfine VP Corn Golden 12 oz. 7/\$1.00
- Energy Powdered Detergent 47 oz. \$.49
- Shurfine Flour 10 lb. Paper Bag. \$.69
- Shurfine Fruit Cocktail 303 4/\$1.00
- Shurfine Grape Juice 24 oz. 2/\$.79
- Shurfine Gr. Beans Ct. Bl. Lake 4-Sv. 303. 5/\$1.00
- Shurfine Milk Tall Can 8/\$1.00
- Shurfine Noodles Med.—Wide-Ex—Wide 12 oz. 3/\$.69

- Shurfine Vienna Sausage 4 oz. 5/\$1.00
- Shurfine Waffle Syrup 32 oz. 2/\$.79
- Shurfine Peanut Butter 18 oz. \$.49
- Shurfine Early Harvest Peas 303 5/\$1.00
- Shurfine Pickles Fr. Kosh. or Pl. Dill 48 oz...\$.49
- Shurfine Pork & Beans 300 9/\$1.00
- Shurfine Preserves Strawberry 18 oz. 2/\$.89
- Shurfine Salad Dressing Qt. \$.39
- Shurfine Shortening 3 lb. Can \$.59
- Shurfine Spinach 303 7/\$1.00
- Shurfine Luncheon Meat 12 oz. 2/\$.79
- Shurfine Macaroni or Spaghetti Elbo 2 lbs. 2/\$.79
- Shurfine Tomato Juice 46 oz. 4/\$1.00

- Shurfine Frozen Broccoli Spears 10 oz.
- Shurfine Frozen Limas Grn. Baby 10 oz.
- Shurfine Frozen Mixed Vegetables—10 oz.
- Shurfine Frozen Okra Whole Baby 10 oz.

MIX
or
MATCH

5 FOR \$1



Shurfresh — Lb.

MARGARINE **6 FOR \$1**



Shurfine Yellow Cling—Sliced or Hlvs.—No. 2 1/2 Can

PEACHES **4 FOR \$1**



Soffin — 4 Roll Pack

TOILET TISSUE

12 Rolls \$1



TUNA

Shurfine
Chunk Style
Flat Can

4 FOR \$1



CATSUP

14 Oz. Btl.

6 FOR \$1

Shurfresh — Sweet or Buttermilk

BISCUITS

8 Oz.

4 FOR 29¢



LITTLE SISTER CHAPTER — Here are the sweetheart and beau of the Little Sister chapter of the Future Homemakers of America. They are Gary Richardson of the FFA and Barbara Beck. The FFA-FHA had its joint party Saturday night, Feb. 15, in the Bull Barn. (Brand Staff Photo)

Hospital Notes:

Patients in Hospital
Roberto Garcia Alamazan, 419 Barrett; Manuel Jose Sanchez, 411 East Second; Mrs. May Click, 129 North Texas; Mrs. Sherry Pugh, 711 East Third; Mrs. W. Q. Markley, Star Route; Glinda Rene Allen, Rout 1; Ramon Zamorra, Box 9; Harry Seed, 405 25 Mile Avenue; Jose A. Fuentes, General Delivery; Mrs. Lucy Cantrell, Box 134, Amherst; Mrs. Ora Mae Carl, Route 1; Nelda Nora Lucero, 205 Ross; Kathy Lynette Bolinger, Route 2; Mrs. Maggie F. Hanegan, 107 Avenue J; Michael Paschel, Route 4; Mrs. William Frank Ball, 336 Star; Mrs. Gies W. Williams, 520 Star; Nettie Slaton, 601 South

SAMMY LANE CUSTOM HOMES

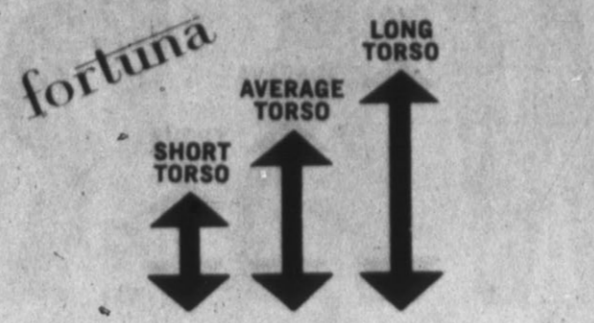
25 Mile Avenue; Leslie W. Combs, 150 Ranger; Mrs. Vernon Odell Lewis, 232 Avenue D; Mrs. Jack Casey, 117 Avenue H; Kenneth Ray Brightman, 414 North Jackson; Mrs. Ruth Coleman, Route 2, Friona; Mrs. Theima Chisum, 410 Star; Leslie W. Gibson, Box 772, Friona; Mrs. Ruth Watkins, Box 313, Gega; Mrs. Lawrence John Wieck, Route 1, Canyon; Mrs. Lewis B. Kamenzind, 306 Avenue J; Mrs. H. K. Fox, 323 North Lee; Joseph B. Rose, Box 286, Vega.

Dismissals
Mrs. Charles B. Spradley, 2-20.
Mrs. Mary Silvas, Mrs. Vester Funk, Jewel D. Burgess, N. A. Brown; Fred G. Sims, Wiley H. Kitchens, Gregory Thomas Jones, 2-22.
Amy Donita Cox, Mrs. Curtis Murkledove, 2-23.
R. a. Freeman, Jimmie Allred, Mrs. James H. Bradley, Mrs. R. E. Drager, Mrs. Steve M. Sierra, Mrs. Gary Donald Kreigshauser, Mrs. Mary Conkright, Mrs. Alfred John Ralston, 2-24.
Jesus D. Ruiz, Clement Rodriguez, Robert Lewis Rosenlieb, 2-25.

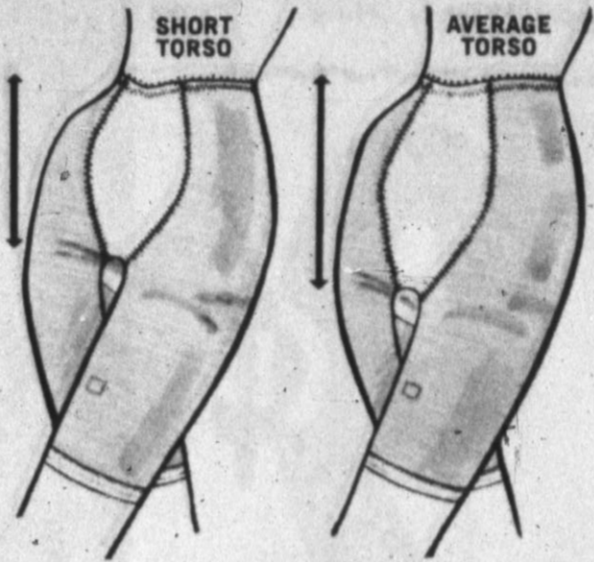
'Happy Family Plays Together,' Says Speaker

"The happy family is one which plays together," said Mrs. Charles Brown as she presented a program on homemade games for young children during the Feb. 18 meeting of Young Homemakers Home Demonstration Club.
Mrs. Brown showed illustrations of games and stressed the importance of using sage materials in making games and toys at home. She also gave a short reading as the opening exercise.
Mrs. Huey Lowrie, vice-president, conducted the business meeting. Mrs. LeRoy Burgess gave the council report.
Hostess was Mrs. Lowrie. Others present were Mrs. Lloyd Smith, Mrs. Burgess, Mrs. Brown and Mrs. Rayburn Strange.

Read The Classifieds Classifieds Get Results



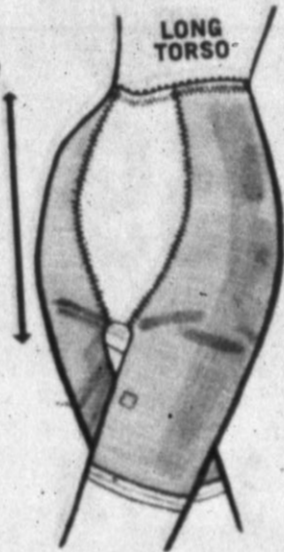
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You'll find it in proportioned lengths from waste to crotch by

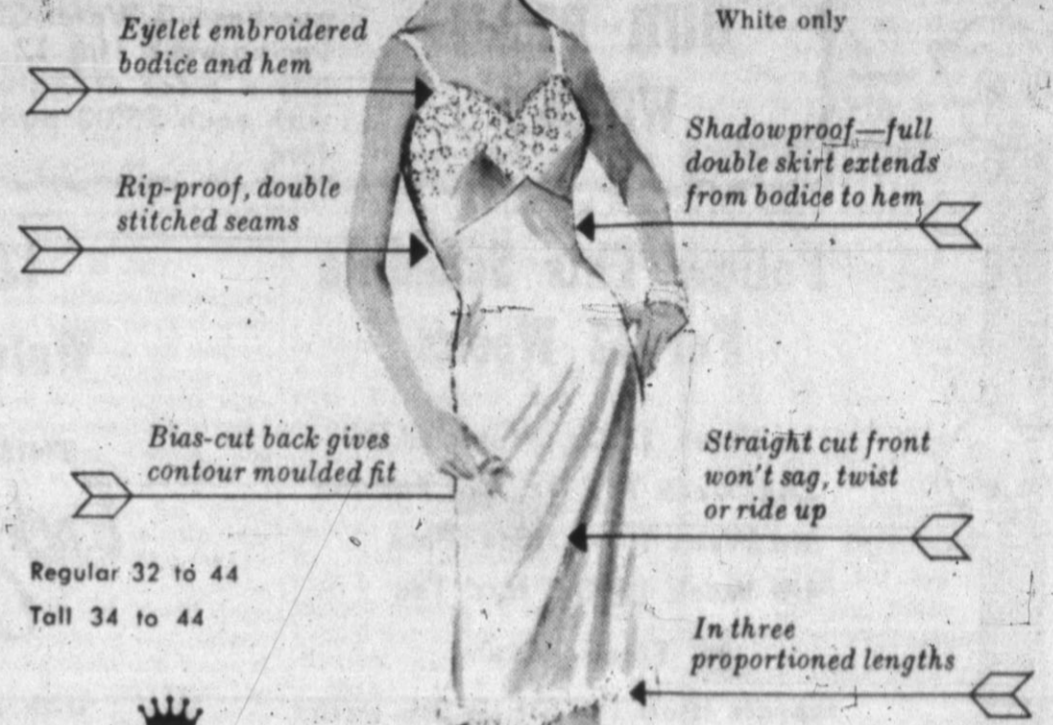
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ANKLE PANTS or SKIRTS 6.99 Value \$4.29

Assorted Tops 3.29 & 4.29

Colors — Green, Pink, Orchid

36 Inch — White, Pink or Blue

OUTING 29c yd.

Wash & Wear PRINTS 29c yd.

SPORT - DENIM Solid Colors & Matching Stripes 2 Yds. For 1.29

Unbleached MUSLIN 36 Inches Wide 6 Yds. For 1.29

Full 27 x 27 Ideal DIAPERS 2 Doz. 3.29

Heavy Electronic Cotton Chenille BED SPREADS Size 96 x 108 \$8.29

Twin or Full Bed Size Quilted MATTRESS PADS Leap Year Special 3.29

Group — Ladies

FLATS Values to \$4.99 \$3.29

Small Group Style

SHOES High & Mid Heel Values to \$14.99 \$4.29

Full Size Dacron

PILLOWS 4.29 ea.

CAFE - CURTAINS Ideal for Kitchen or Dinettes 2.29

90 x 105 Chenille BED SPREADS Pre shrunk 4.29

Small Group — Ladies

NYLON HOSE 29c pr.

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TOWELS 3 For 1.29

Garzo - Postel

MUSLIN SHEETS 81 x 108 or Fitted 2.29

Men's S-T-R-E-T-C-H Nylon

SOCKS 29c pr.

Group Men's Dress

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Men's Wellington

BOOTS Several Styles 13.29

Men's Plaid Cotton

Wash & Wear SLACKS 3.29

Men's Briefs—SHORTS or Knit

T-SHIRTS 2 For \$1.29

Group — Men's

SPORT COATS Values To \$34.95 17.29

Still Have a Few Men's SUITS & JACKETS

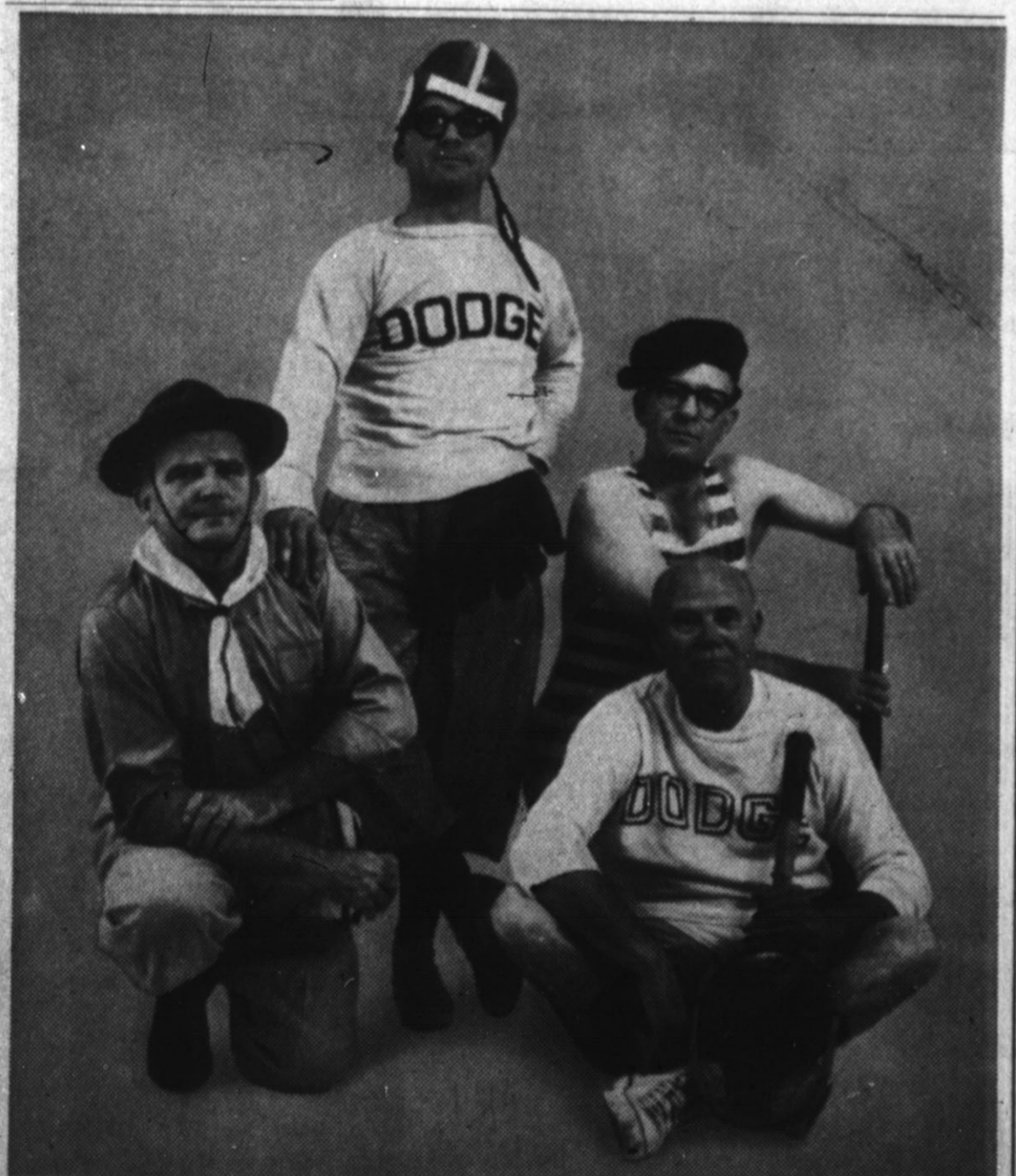
Priced To Clear 1/2 Price

Men's White Handkerchiefs

3 For 29c

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We Give S & H Green Stamps



help send the Dodge Boys to camp!

(they're selling every car they have at a sacrifice)

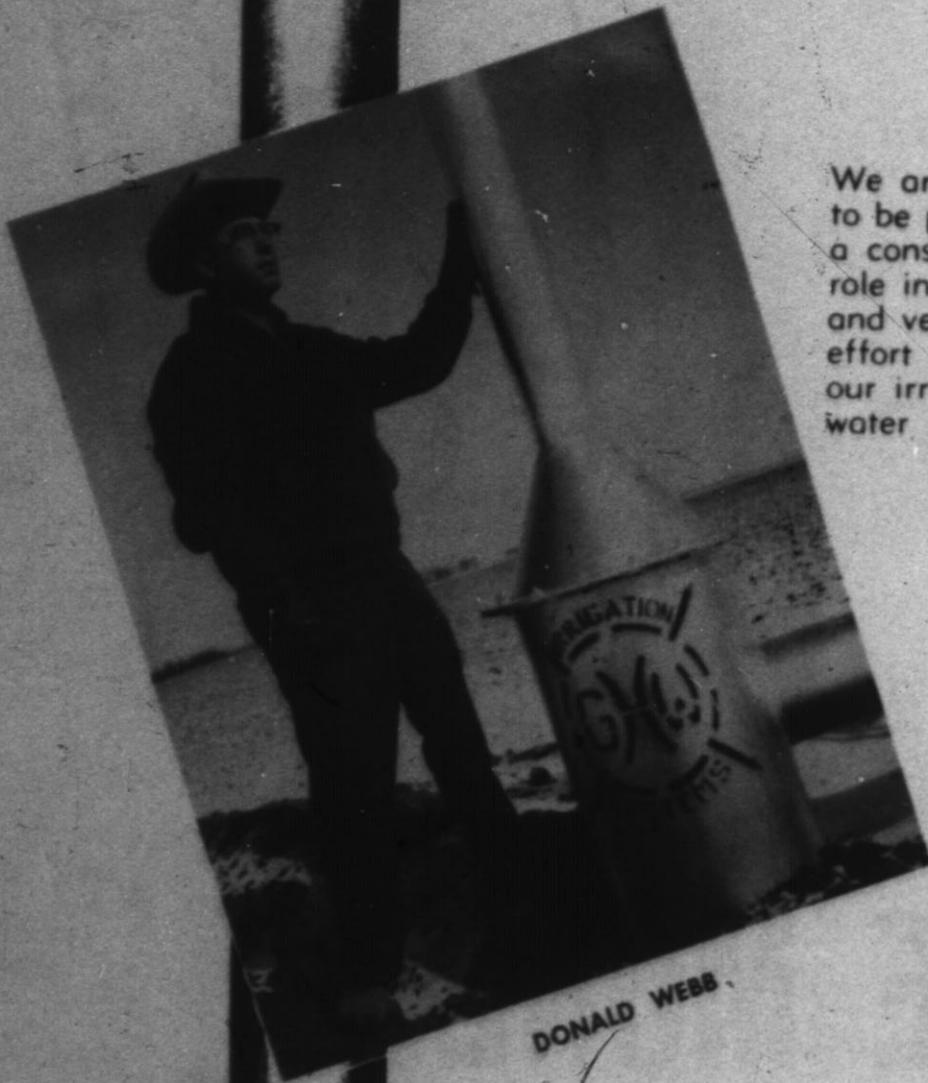
They're ready, but their counselor won't let them go until they sell every 1964 Dodge, 880 and Compact they've got. The Dodge Boys pledge? Top dollar on your old car, low, long-term financing and non-retractable service promises! What does this get them? Sales! Up 22% so far this year above all other Southwest car sales increases. Paint a smile on their pinched little faces — buy Dodge for '64!



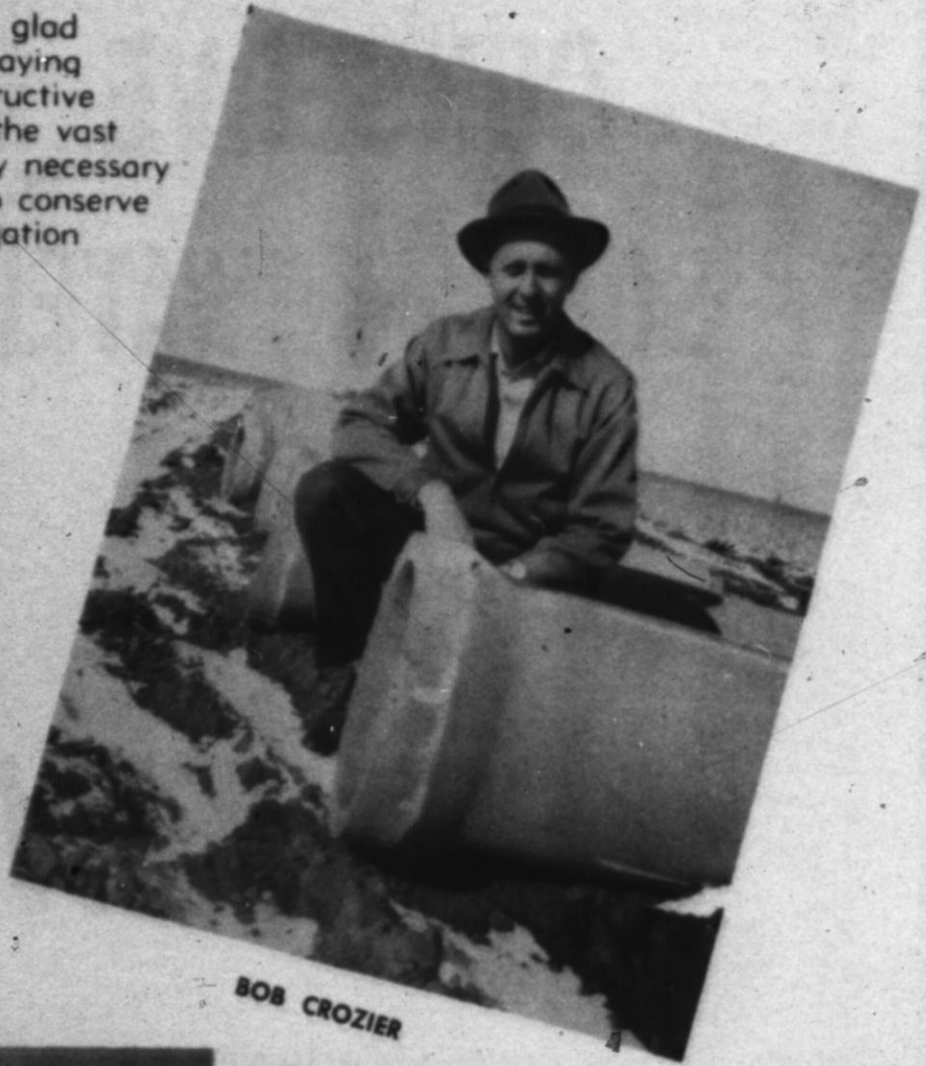
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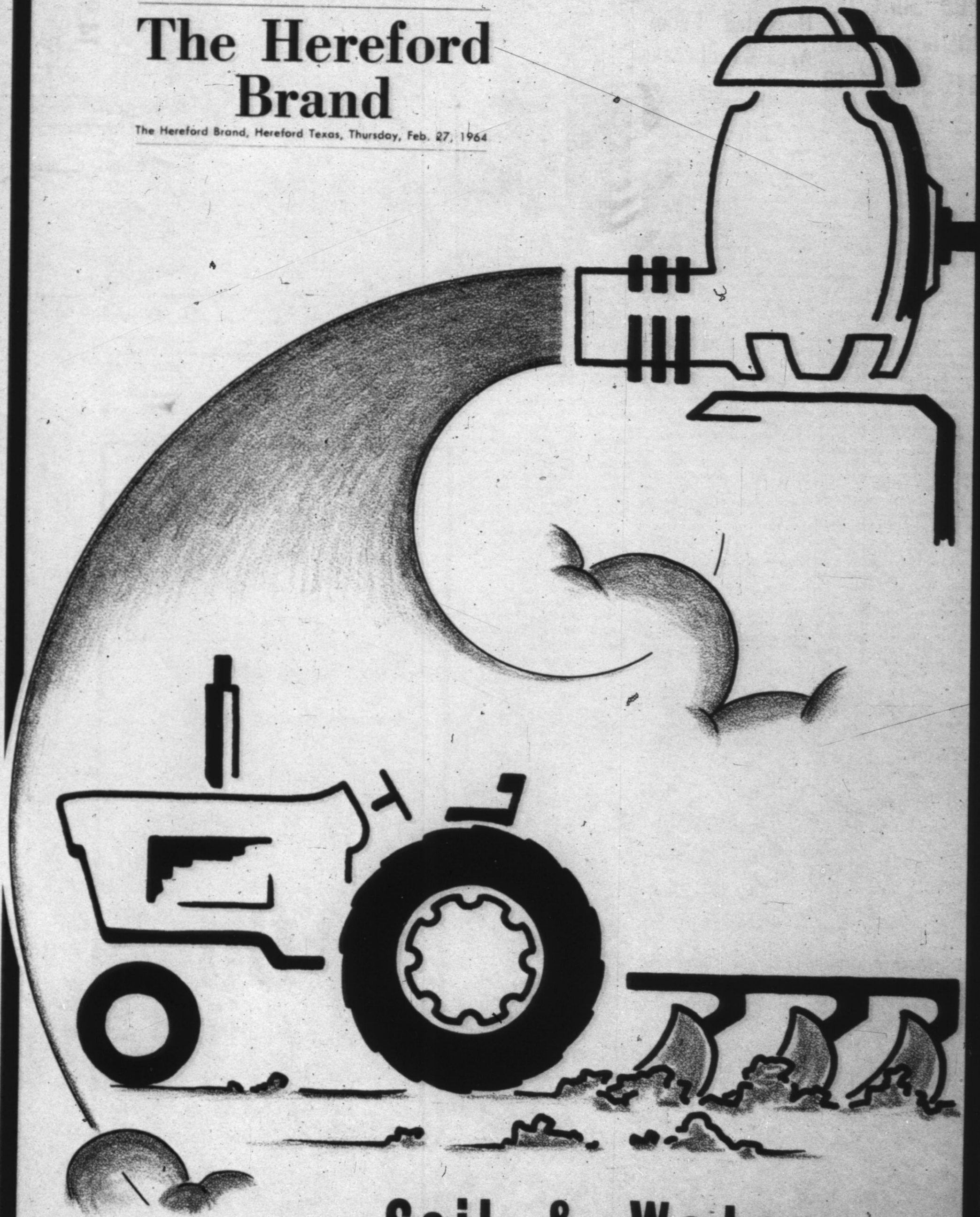
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Hereford, Texas

The Hereford Brand

The Hereford Brand, Hereford Texas, Thursday, Feb. 27, 1964



**Soil & Water
Conservation Edition**

Area Soil? It's Mostly Pullman Says SCS Here

Strange Values Revealed From Area Windbreaks

Predominate soil in Tierra Soil Conservation District is a chocolate brown soil named Pullman silty clay loam, according to Herbert E. Bruns, Soil Scientist for the Soil Conservation Service.

"More than four-fifths of the irrigated crops and more than three-fourths of the dryland crops are grown on Pullman silty clay loam soil."

The Pullman soil is characterized by a dense clay subsoil which is six to ten inches below the surface. This subsoil will allow water to penetrate at two-tenths inch per hour or less. This soil is deep; therefore, it can store all of the average effective rainfall on rangeland or dryland farms. Under irrigation it can store more than nine inches of water in the upper six feet. The intake rate of water at the soil surface of the Pullman soil may be as high as two inches per hour. In order to make the water intake rate as high as possible and to store additional water in the topsoil, most farmers disc all the crop not harvested into the topsoil. On ten left standing as long as possible to protect the soil from high winds.

Fortunately for farmers who irrigate and grow crops such as sorghum and wheat which use much fertility, the Pullman silty clay loam not only had a large amount of fertility under native sod, but it has the ability to hold a lot of fertility now. For example, a farmer removes from the land about 94 pounds

"The value derived from windbreaks sometimes appears in strange forms," say the men from Deaf Smith County's Soil Conservation District office in a report this week to the Brand.

The Lakes State Forest Experiment Station, conducting experiments in Nebraska and Kansas have proven that homes protected by well planned, well located tree windbreaks can be heated with 20 percent less fuel than those exposed to the full sweeps of the wind.

Identical test homes were used in the experiment with exact fuel requirements being recorded.

In other experiments, research in adjoining states to the Texas Panhandle revealed that cattle wintered outside where tree windbreak protection was available gained 35 pounds per head more than those without protection, even though they were fed the same rations.

The evidence to substantiate

of nitrogen, 21 pounds of phosphorus and 22 pounds of potassium when he trucks 6000 pounds of grain sorghum off to the elevator. This does not take into consideration the large amount of plant food it took to produce the stalks and roots which can be returned to the soil.

There are 584,290 acres of Pullman silty clay loam soils in Deaf Smith County. Most of these soils occur on slopes of one to three feet fall per one hundred feet. This means that 60 per cent of the county is Pullman soil.



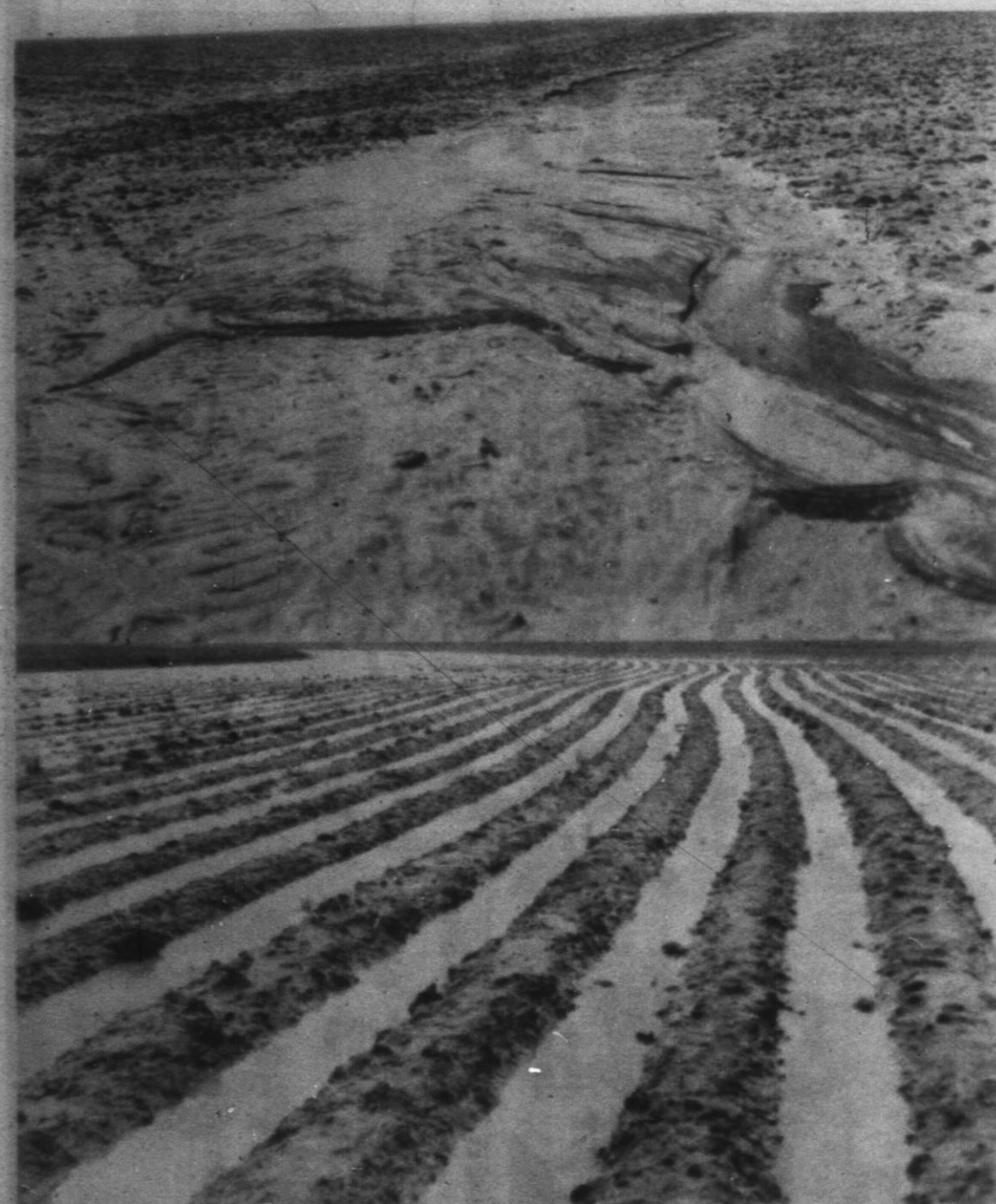
PLANTED BY the Bushland Experiment Station, this farmstead windbreak of Arizona Elm is located on the J. F. Matthews farm. The windbreak was planted about 20 years ago. (SCD Photo)

claims of SCD officials is overwhelming. In Nebraska and South Dakota, 86 cattle feeders figured that tree windbreaks saved each an average of \$800 annually. These same windbreaks also furnished ideal protection and food supply for quail and pheasant, allowing local sportsmen a Medda for hunting.

"In a cattle country such as ours" report Soil Conservation leaders, "it is imperative that windbreaks be utilized."

"The snow of '56 as well as our latest, has proven that windbreaks not only add beauty to a farm, but they furnish valuable protection for grazing cattle. Many thousands of dollars

were lost in each storm due to ny cases, if the farms had been cattle loss. This senseless loss protected with tree windbreaks could have been avoided in ma-



CONTOURING FARMING will help save valuable rainfall as demonstrated by lower picture. Water stands in the field and eventually soaks into the ground. Top picture shows results of "too much rain on non-contour field". Contour farming could mean the difference in making a crop or losing a crop, according to SCD officials. (SCD Photo)

Mirror, Mirror on the wall . . .

Who's the greatest Conservationist of all . . . ?

If The Mirror Could Really Talk It Might Say . . .

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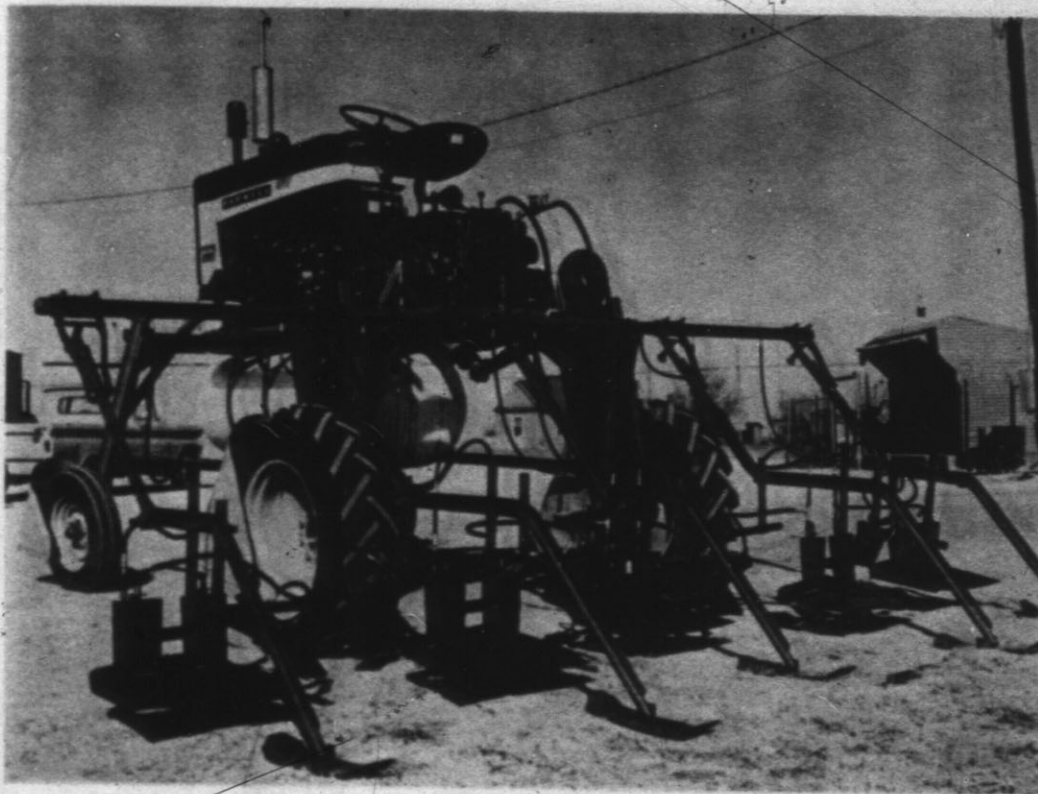
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Tierra Blanca District Plays Vital Role In Area Soil Program

HISTORICAL BACKGROUND

The Tierra Blanca Soil Conservation District was organized in January, 1950, as a successor of the Deaf Smith County Wind Erosion District. Its boundaries are the same as those of Deaf Smith County. The Board of Supervisors meet regularly on the first Monday following the first Wednesday of each month at 7:30 A.M. in the dining room of the Western Wheel Inn Cafe, Hereford, Texas. Eleven meetings were held with 83 percent attendance by the members of the Board of Supervisors from 1 September, 1962 to 31 August, 1963. Luther Lesly serves as Chairman; Charles R. Hoover, Vice-Chairman; Eldred Brown, Secretary; H. M. Benson, Member; and Clarence Betzen, Member.

PROGRESS OF THE DISTRICT

The District has published a newsletter each quarter and mailed to all cooperators. These newsletters have been timely and have added greatly in increasing interest in pasture planting, stubble mulching and wildlife. Copies of each year's annual report are mailed to local business people, local officials, State Governor, State and National Congressmen.

The District selected H. H. Miller as the outstanding conservation farmer and a plaque was awarded by the Hereford Lions Club.

The District co-sponsored a grass and crops tour where one hundred farmers and businessmen observed field crops and irrigated pastures.

The District assisted the Deaf Smith County Great Plains Conservation Program Committee develop the next year's program. They also assisted the Deaf Smith County ASC Committee in developing the Agricultural Conservation Program.

The SCD assisted on the Extension Service county crops committee.

News articles are published periodically in the Hereford Brand to promote District activities. Radio Station KPAN assists by announcing special programs sponsored by the District.

The District assisted the Soil Conservation Service publish the Deaf Smith County Soil Conservation Needs popular Report.

Supervisors Luther Lesly, Charles Hoover, Eldred Brown, and H. M. Benson attended the annual meeting of the State Association of Soil Conservation Districts held in Lubbock in January.

SECURING NEW COOPERATORS

There are 950 operating units in the District, covering 946,502 acres of agricultural land. There are 275,149 acres of dry cropland, 282,672 acres of irrigated cropland and 387,394 acres of rangeland.

The District has 755 cooperators, covering 652,459 acres. Of these 358 cooperators have developed basic conservation plans on 355,932 acres. 30 new cooperators on 13,096 acres were assisted this year.

CARRYING ON INFORMATION PROGRAMS WITH YOUNG PEOPLE

Members of the Board of supervisors met with local school officials and explained the District Program. The schools cooperated by assisting on an essay contest. Representatives of the District met with each 4-H Club.

At the May meeting, plaques were awarded to the three winners of the essay contest.

The District assisted the Dawn 4-H Club prepare a Soil and Water Conservation Demonstration.

DEVELOPING OUTSIDE HELP
The local civic clubs cooperate with the District on all phases of the program. Local business houses assist by displaying posters in store windows.

A conservation display was placed in the Hereford State Bank for several weeks.

J. W. Thomas, Deaf Smith County Agent, has assisted the District in every way possible. The District participated in the Fort Worth Press awards and Soil Stewardship Week.

Members of the Board met with local ministers and furnished over one thousand church bulletins and brochures on Soil Stewardship. Posters on Soil Stewardship were displayed in business windows.

The film, "The Earth Is The Lord's" which was purchased by the District has been shown many times during 1963.

The ASC County Committee has assisted the District by increase in the application of such needed practices as stubble-mulching, pasture planting, and grassed waterways by offering Federal cost-sharing.

USE OF DISTRICT FUNDS TO PROMOTE WORK

The Tierra Blanca Soil Conservation District is one of the few Districts which still maintain heavy equipment for carrying out conservation work. Only through careful management by the Board and Ronald Matthews, who operates and maintains the equipment, has a successful operation been achieved. Through the years there has not been sufficient number of private contractors available to do the conservation work in the District. The crawler tractor, motor grader, and carryall has been kept continually busy building farm ponds, land leveling, building waterways, diversions, and terraces.

The District funds are constantly being turned over and returned to the local economy through the purchase of fuel, oil, tires, parts, repairs, and Matthews' salary.

Without the District equipment, the increase in the application of conservation practices would not have been brought about.

Some of the funds have been used for the purchase of Soil Stewardship materials, awards, publishing newsletters, and contributions.

The District is proud that the funds are always being used to promote soil and water conservation, and are replaced through the successful operation of its heavy equipment.

OBTAINING ASSISTANCE FROM LOCAL STATE AND FEDERAL AGENCIES

The District has a very good working relationship with the Soil Conservation Service, Agricultural Stabilization and Conservation Service, Farmers Home Administration, Extension Service, County Commissioner's Court, Texas Highway Department, and the Hereford Chamber of Commerce. The District is very appreciative for the cooperation these agencies give to assist in the application of soil and water conserving practices.

OTHER

Charles R. Hoover was elected as Supervisor for Zone 4.

The Board of Supervisors are very appreciative of the Service rendered the District by the Hereford Work Unit of the Soil Conservation Service. Considerable progress has been made in the application of conservation practices, due to the technical assistance provided by the SCS. Participation in the Great Plains Program has progressed very well. The additional work load through the Great Plains Conservation Program has accelerated the application of some conservation practices, especially on dryland farms. The Board of Supervisors feel, however, that additional SCS technicians are needed to assist cooperators in applying necessary conservation practices.

The Board of Supervisors express their appreciation to the Hereford Brand for their contribution in publishing news articles and assisting in providing information to the public. Appreciation is also extended to Radio Station KPAN, The Hereford State Bank, The First National Bank of Hereford, Jess Robinson (Hereford High School Vocational Agricultural Teacher), the Hereford Chamber of Commerce, Hereford Lions Club, local business and organizations who have helped promote soil and water conservation and to the many District cooperators who have applied conservation practices during 1963.

The Board of Supervisors is in the process of up-dating their program and Plan of Work to keep it current with the rapid changes in agriculture and soil and water conservation.

The Board of Supervisors held a banquet by the Supervisors, SCS personnel and their wives. At the banquet, Carl Wimberley was given a lapel pin in recognition of 20 years as a supervisor. Ronald Matthews, SCD Equipment Operator, was given a plaque in expression of appreciation for being a faithful employee for over 25 years.

The District owns the following equipment for use by its cooperators:

- 1 Crawler Tractor with a 5 and 10 yard carryall
- 1 Motor Patrol Grader
- 2 Land Levelers
- 2 Grass Seeders
- 2 Legume Seeders

The land levelers and seeders are placed in charge of the FFA Chapter of the Hereford Schools, with its advisor, Jess Robinson. They maintain them in good working condition and supervise their use. A rental fee is charged the user and the FFA Chapter retains a percentage of the fee, returning the balance to the District.

The heavy equipment is operated by a full-time employee of the District, Ronald Matthews, who employs additional help as needed throughout the year.

It is the policy of the District to provide only such equipment as cannot be reasonably owned by individual farmers, because of the infrequency of its use. This equipment makes possible better service to district cooperators and the application of needed conservation practices.

The District feels that good progress is being made in the field of soil and water conservation. Each year sees a reduction in land damage, due to wind e-

rosion. Good progress is foreseen in reducing the acreage of marginal land. Over 90,000 acres of farmland is in the conservation reserve.

Most of the farmers in the District are using adequate agronomic program. Fertilized crops with considerable residues are returned to the soil each year. It is recognized that much is yet to be done in achieving a sound conservation program.

The District has made good progress in getting cooperators to apply Pasture Planting on irrigated land. This practice is helping to reduce surpluses and is putting permanent protective cover on the land to protect from erosion. The grazing results from irrigated pastures has been outstanding and serves to better diversify the agricultural economy through livestock.

The construction of Grassed Waterways has increased during this year. More cooperators are realizing the importance of providing protective outlets for water concentrations.

The application of stubble mulching on dryland has increased considerably during the past year. Many cooperators are using large sweeps to carry out stubble mulching and realize that this practice is one of the most effective and economical methods of controlling wind erosion.

Participation in the Great Plains Conservation Program continues to be good. Eleven new contracts were developed in 1963, with waterways and diversion terraces being the major practices scheduled. Interest is gaining on medium priority ir-

rigated farms.

The above report of the Tierra Blanca Soil Conservation District covers the period September 1, 1962 until August 31, 1963. District supervisors include Luther Lesly, Chairman; Charles Hoover, Vice-Chairman; Eldred Brown, Secretary; H. M. Benson and Clarence Betzen.

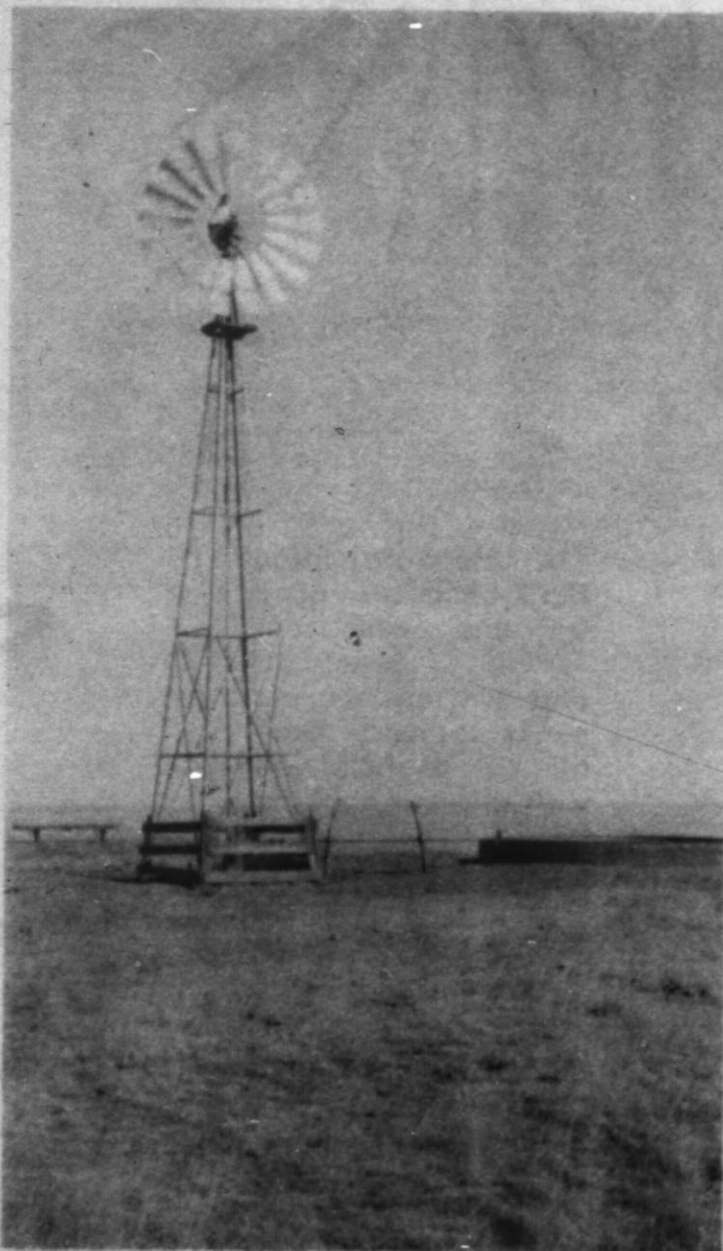
Man May Destroy 100 Years' Work

Nature takes from 300 to 1,000 years to build one inch of topsoil.

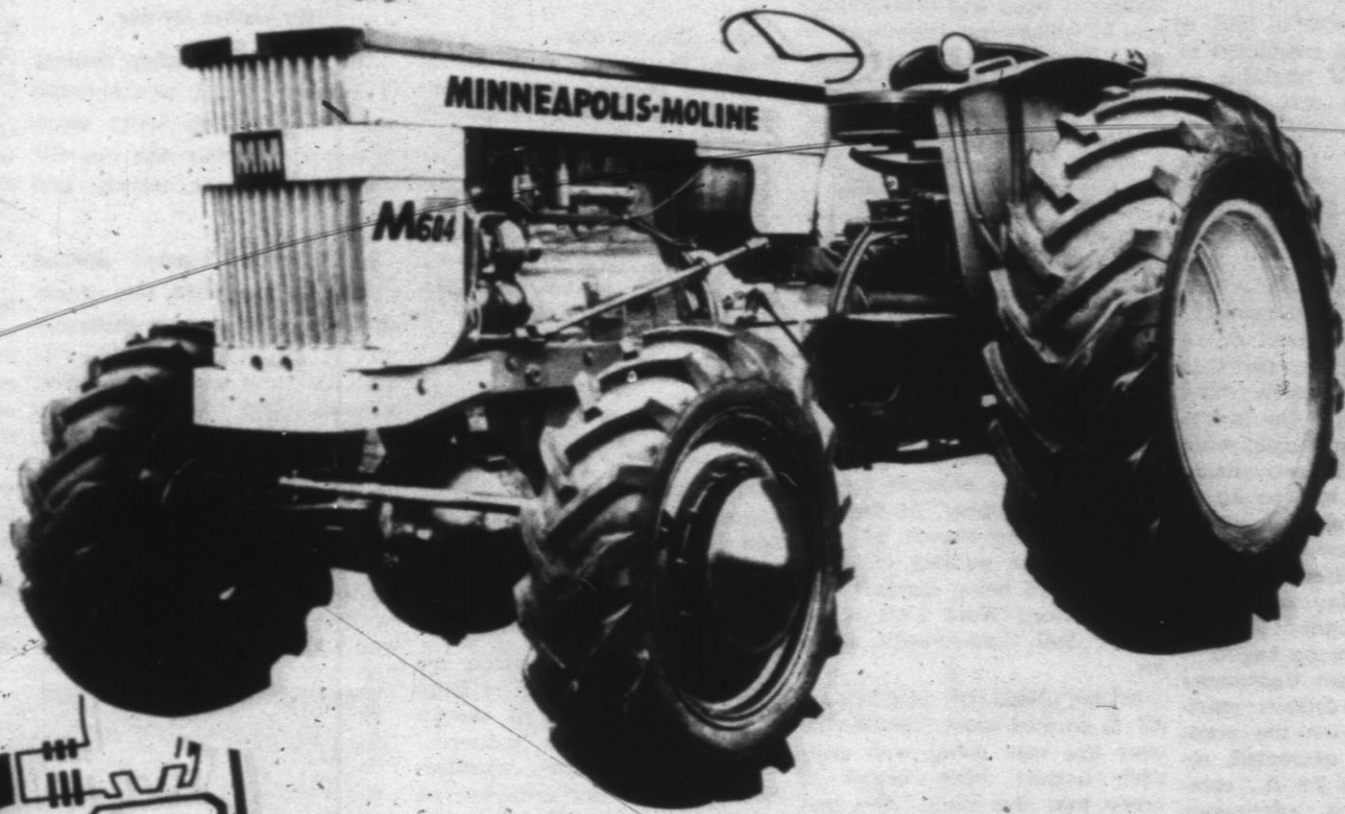
Land misuse and abuse already have ruined more than 100 million acres of formerly good cropland for further food production. Another 100 million acres have been seriously damaged. Topsoil is still being destroyed faster than it is being repaired or created.

We're living only six inches from a desert today. Our original topsoil averaged nine inches. Erosion has taken a third of this already. We have only six inches left. At the present rate of soil erosion, this will be gone within another 50 years.

Remember, everything we eat and most of the things we wear and use come from the topsoil. You can help save our remaining productive soil by using soil and water conservation practices. Contact the supervisors of your local Soil Conservation District or technicians of the Soil Conservation Service today. They will be glad to help you, and you will be glad you did.



PROPER LOCATION of livestock water is provided by this well and water storage facility, to aid in conserving rangeland through a more even distribution of grazing. Photo made on the A. C. Hays Jr. ranch. (SCD Photo)



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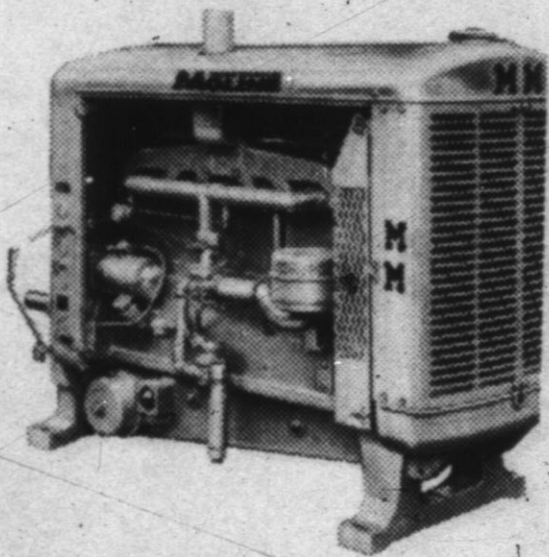
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'Clipping' Tests Revealed Value Of Treatments

During the Summer of 1963, a clipping study was conducted to show the effect of variable amounts of forage and protein produced from each kind of treatment.

This study was conducted on the Alfred Reinart farm 7 1/2 mile East of Hereford on Highway 60. Mr. Reinart has a 5 acre field of an old stand of Switchgrass which has been properly grazed each year since establishment. This clipping plot was fenced off so that cattle could not have access to the study. The plot was three rows wide and 30 feet long. The two outside rows were cut down so as to prevent shading of the inside row. The inside row was staked off into four different treatments in early May and allowed to grow to a height of 24 inches before the clipping began.

The four different treatments were staked off as follows: starting at the fence on the north end four feet left untreated, rotation proper use 2.9 ft., rotation over use 2.9 ft., continuous proper use 2.9 ft., and continuous over use 2.9 ft. Between each different treatment a one foot buffer strip was left and clipped to a one inch height to separate the treatments.

Rotation Proper Use plot was clipped each four weeks to a 12" height rotation over use was clipped each four weeks to a 3" height, continuous proper use was clipped each week to a 12" height and continuous over use was clipped to a 3" height each week. Mr. Reinart irrigated the

plot when he irrigated the 5 acre field and fertilizer was applied in the irrigation water through his irrigation ditch.

A similar clipping study was conducted on Switchgrass plants which were taken from Mr. Reinart's field and transplanted into 12" diameter containers 40" deep. These plants were also allowed to reach a height of 24 inches before clipping began. In addition to the clippings in the field an extra continuous over use plant was clipped because of fear one would die. Another plant was grown all summer and never cut so the full root system could be observed.

The plots in the field were used to determine the amounts of forage and protein produced per acre according to kind of clipping treatment. The plants in cans were used to show root development as affected by the severity of clipping. At the end of the growing season all root systems were washed clean of dirt and are being displayed in the Hereford Work Unit office of the Soil Conservation Service.

In the field the plants took off to a good start. Continuous over use was doing well until early August when began to creep into the stand. The last 1/2 of August there was little growth of Switchgrass in the continuous over-use plot but instead there was 95 percent Green foxtail. The foxtail was all pulled out and in September the grass was clipped again. Continuous proper use did quite well all summer.

Although continuous proper use in pounds of forage and protein per acre it is felt Rotation Proper Use will make a much better showing in a period of years.

95 Percent Of All Farms Now In SCS Program

Soil Conservation Districts blanket the nation. They include about 95 percent of the farms and ranches, and more than 90 percent of the agricultural land in the United States today.

Each Soil Conservation District has a conservation program to fit its local problems. It uses a combination of Federal, State and local services to put its own program into effect on individual farms and ranches.

More than two decades of experience, since the first Districts were organized in 1937, demonstrates that Soil Conservation Districts are an effective means for both individual and community action to deal with local soil and water problems.

Soil Conservation Districts are legally constituted units of State Government created to administer soil and water conservation work within their boundaries. They are not branches or agencies of any Federal Department.

Each district is self-governed. It has authority to enter into working agreements with other government agencies and with private concerns to carry out its purposes.

Through such working agreements with the individual districts, the Soil Conservation Service and other agencies of the U. S. Department of Agriculture provide assistance to farmers, ranchers, watershed associations, and others.

Each Soil Conservation District is created by legal procedures under authority of state law.

The law is based on the principle that local land-owners and operators should take the initiative and responsibility in directing conservation programs aimed at solving local soil and water problems.

Districts are created after petition, public hearings, and a referendum showing that land a District to deal with their conservation problems.

Once established, a Soil Conservation District is legally responsible for soil and water conservation within its territory, much as a county is responsible for roads or a school district for education.

Golden Spread SCSA Chapter Formed in 1961

By Luther Geiger

The Soil Conservation Society of America, SCSA, is a national organization which seeks ways to better conserve and use our soil, water, grass, forests, and wildlife.

In 1961, the Golden Spread Chapter of the SCSA was organized. Some 40 charter members met in Amarillo in January of that year and installed the first officers. Don Newman, local work unit conservationist, SCS, was chairman of the society in its fledgling year of 1962. Under his able leadership, the chapter was able to get off the ground and accomplish much. Two field tours were held. One, conducted by the Bureau of Reclamation, was a visit to the Canadian Riv-

er Project at Sanford. The other was a tour of the Southwestern Great Plains Field Station at Bushland, Texas. Fred Lotspeich, Soil Scientist ARS, was chairman of the Golden Spread Chapter in 1963. During this time, a project was launched to produce a 16mm color film showing some of the conservation accomplishments and needs of the Golden Spread Area. Bill Brooks, Wheeler, is currently chairman of the chapter and Henry Williamson, Dalhart, is vice-chairman.

Membership in the society is open to anyone interested in the conservation of our basic natural resources. Farmers, ranchers, and men of many professions comprise the society's membership over the Nation. The Golden Spread Chapter will welcome anyone into its membership, who is interested in these aims. Should you be interested in joining the society please contact Don Newman or Herbert Bruns at the local SCS office.



J. V. PERRIN JR. shows the 30" sweeps with coulters mounted in front. Perrin uses a tool bar stubble mulch plow.

(SCD Photo)



PROPER RANGE use and more even distribution of grazing with the proper location of cross fences will prevent erosion. This photo was made on the A. C. Hays Jr. ranch.

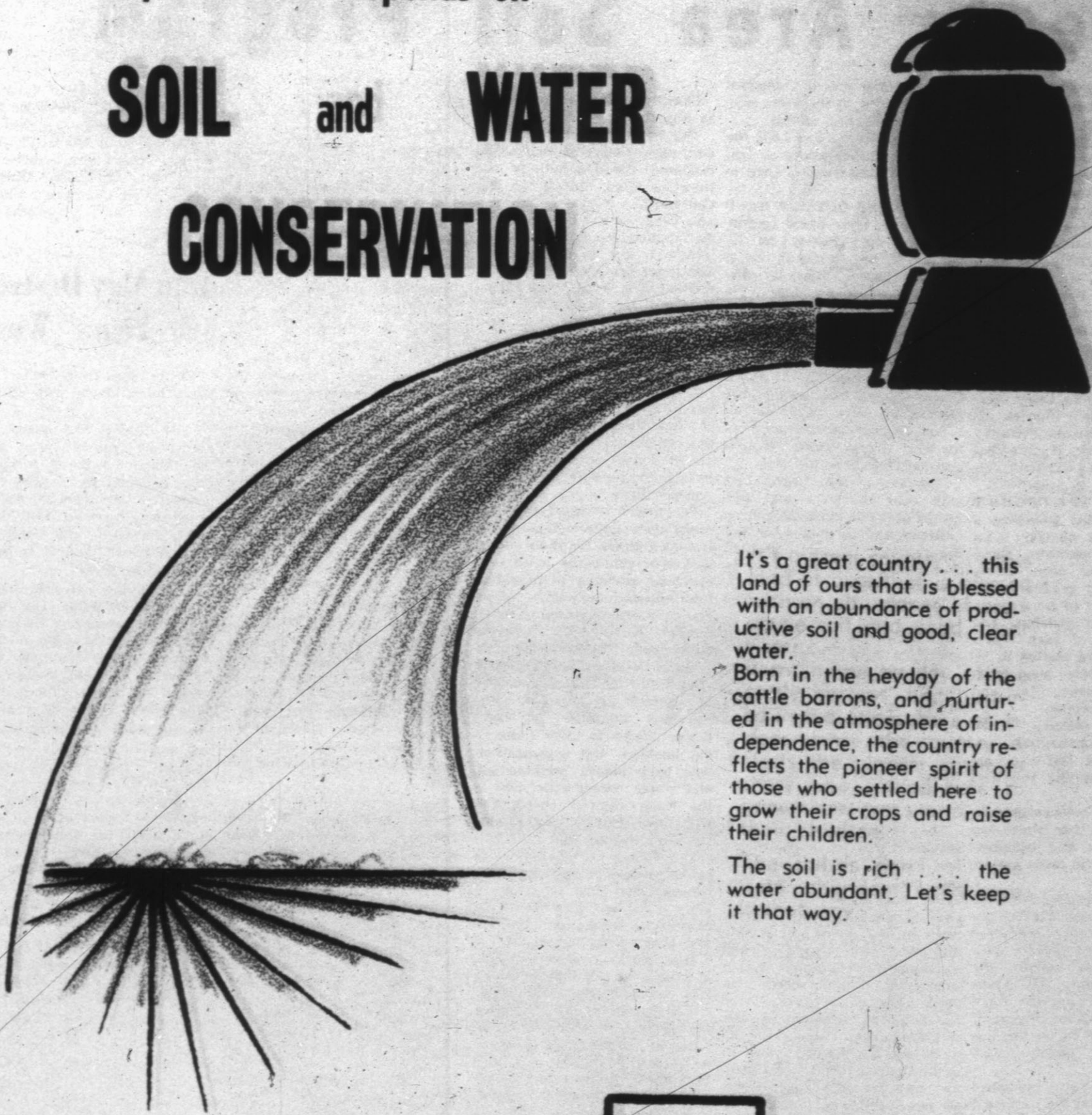
(SCD Photo)



THE THREE photos above were made on the Luke Miller farm. They show Miller's grassed waterways. These waterways are very important in controlling erosion due to excess rainfall.

your future depends on - - - -

SOIL and WATER CONSERVATION

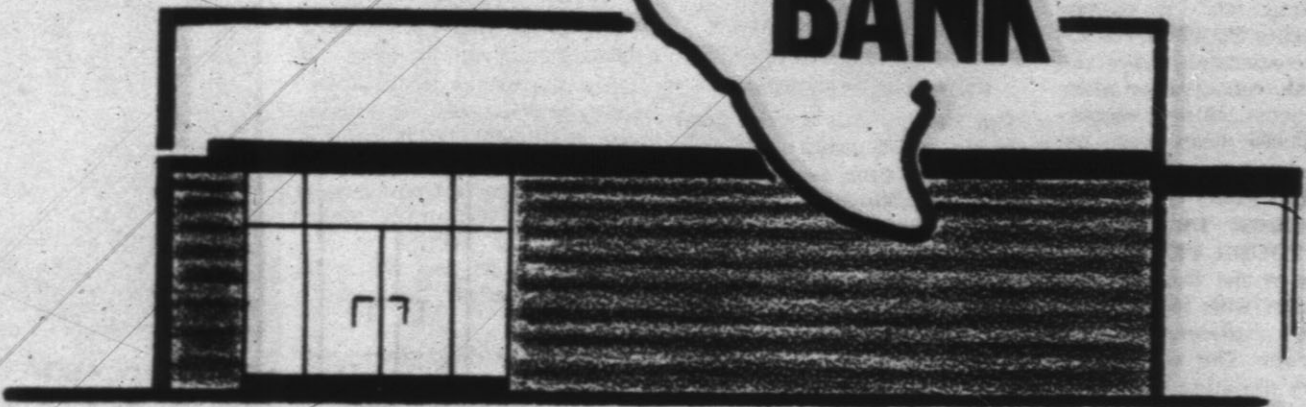


It's a great country . . . this land of ours that is blessed with an abundance of productive soil and good, clear water.

Born in the heyday of the cattle barrons, and nurtured in the atmosphere of independence, the country reflects the pioneer spirit of those who settled here to grow their crops and raise their children.

The soil is rich . . . the water abundant. Let's keep it that way.

The Hereford State Bank believes in good soil and water conservation practices, and we are always eager to help. Drop by. Let us help you with all your banking needs.



Member F. D. I. C.

Everybody Concerned in Use Of Irrigation Water Here

Probably the one question asked more throughout Deaf Smith County is "Are we using our irrigation water wisely?"

As we start another irrigation season, this question should be utmost in our mind, assuring

that we will use water properly this year and every year. Water, is indeed, our future.

With the weakening of our water supply and the increasing cost of pumping, it is important that we take a second look at our irrigation systems to see

that the best use is being made to produce crops efficiently, with water conservation always in mind.

This year, before starting your irrigation will, perhaps it would be wise to consider these points:

1. What type of soil do you have? Will it take water slow

or fast? This has a big effect on length of run, amount of water to apply, and the time required to put on the needed amount of moisture.

2. Is the slope of the land gentle or steep?

On gentle sloping land, water can be run further without losing water or soil. On the steeper slopes, water cannot be utilized as efficiently, and generally cannot be run as far without some means of checking, or land preparation to prevent tailwater and erosion.

3. How long do I run my water?

Too short a time will mean not enough water is being applied, while too long a time means a waste of our precious natural resource.

All of these questions point to a need for a conservation irrigation system and a conservation plan. Through better management of our water, better crops can be produced for a longer period of time.

"Let's all get together and plan now to make 'tailwater' a word they used to use, and not one we use now", said Robert Gray, Agricultural Engineer, Tierra Blanca Soil Conservation Service.

SCS Maps Key To Your Soil

How well do you know your land? "I know it well!" And your reply would be typical of the many area farmers who have toiled on their acres for more than two years.

Certainly you know that some fields plow easier than others and that some take water faster than others. Some fields even require irrigating more often than others.

These are only a few of the things you probably know about your soils. As economic forces become more demanding, planning on the farm is also becoming more and more important. Many farmers feel they cannot do a good job of farm planning unless they know and understand the soils. Detailed information about soils and the capabilities of your land is made available through your own Tierra Blanca Soil Conservation District and its staff of trained soil technicians. These technicians have studied soil on each farm by making test borings and examinations to a depth of 5 feet and has recorded all information about each soil type on an aerial photograph. This photograph is a soil map which shows specific information about soil type and their location on the individual farm. In brief it is a physical inventory of your land.

What then does this soil map show? Because of the importance of the surface soil, this layer was examined in considerable detail. The map will show, for each soil type on the farm, the surface texture and general workability. Texture of a soil refers to the amount of sand, silt and clay present which in turn determines, directly or indirectly, erosion hazards, crop adaptability, moisture holding capacity and water infiltration rates. A closer examination of the surface soil reveals its structure or general workability through an evaluation of texture and chemical properties.

No less important is the sub-soil layer or layers since this is an important part of the crop rooting zone. In this layer such characteristics as permeability to water and air, soil structure, texture and water-holding capacity are extremely important. These soil properties determine, in part, kinds of crops that can be grown successfully, irrigation frequency and the water storage ability of the soil.

Soil depth is another property that is examined in the fields and recorded on soil maps. Soil depth determines how much soil is available from which the plant roots can get their supply of food and water. Often times, fertility and other chemical tests of the surface soil layer indicate a high level of fertility and general good chemical and physical condition, but certain crops still do not respond as they should. Closer examination of field conditions may reveal a

shallow soil which restricts root penetration and feeding. The soil and the nature of the geologic material below.

Slope of the land probably has more effect on erosion than any other soil or land feature although texture, fertility, soil structure, and many others influence erosion indirectly. On the soil map, slope is recorded for each soil type as determined by the average feet fall in a 100-foot distance.

Erosion that has occurred is recorded for each soil by indicating the amount of top soil removed by wind or water erosion. This information on slope and erosion, when evaluated with the previously mentioned soil properties of various soil layers, point not only to the specific hazards for each soil type, but to the conservation measures that need to be installed to protect the land.

Other important features about the soil that are shown on your soil map are type and degree of alkalinity, hazards of land overflow conditions, presence of water table conditions within the soil profile and degree of stoniness or graveliness of the soil.

When these features are shown on a soil map they reflect specific hazards to continued cultivation and growth of many crops. Many of these hazards can be corrected and are so indicated on the map. When all known data about a soil is gathered and recorded, and the effects of local climate are evaluated, a land use capability classification is made. This is done by coupling the information about the soil shown on the map with any known research data on each soil or similar soil, together with practical experience on the best use of each soil from local farmers, ranchers, engineers and agronomists, and placing each soil in a land capability class.

These land classes are used to express the capability of a soil or a group of similar soils, the hazards involved in their use and the kinds and intensity of conservation practices needed to protect the land.

If you want to know about your soil now, ask your soil conservation technician to explain the soil map on your farm.

Majority of Land Privately Owned

Of all the people who do conservation, the most important are the owners and operators of farm and ranch land. The greater part of our land is in private ownership. This is where many of our streams originate. Most of the grass and forest land in our Soil Conservation Districts is there too. In this modern



PROPER USE OF irrigation water pays dividends for this Deaf Smith County farmer. Gently sloping land allows water to run further without soil or water loss.

Huge Over-all Program is Set For Great Plains

"The Great Plains Conservation Program represents a different concept in the struggle to conquer the erosion problems and battle the variable climatic conditions in the Great Plains States", says Don F. Newman, Work Unit Conservationist of the Tierra Blanca Soil Conservation District.

Deaf Smith County is one out of 390 counties in 10 Great Plains states eligible for participation in this program. The Great Plains Conservation Program furnishes cost sharing assistance to those producers who desire a complete soil and water conservation plan that will treat their entire farm or ranch for protection and improvement.

To participate in the program a farmer or rancher develops a workable conservation plan of operations with the help of Soil Conservation Service technicians. The plan of operations incorporates needed soil and water conservation practices in proper combinations, need cropping and grazing systems and needed land use changes, into a contract with the Department of Agriculture to carry out the plan of operations. This contract included the amount of cost sharing assistance on eligible conservation practices.

Newman stated that contracts ran a minimum of 3 years or

can be run up to 10 years. The contracts are flexible so a conservation program can be speeded up or slowed down to suit the individual operation.

Over 100 Deaf Smith County farmers have entered into Great Plains Conservation program contracts. Many outstanding practices have been applied as a result of these contracts and many more practices are now scheduled in contracts to be applied in the next few years.

"In 1963", according to Newman, "over \$32,000.00 was cost-shared to local farmers for practices they applied through the GPCP."

At present, Jack Johnson, 2 miles north of Ford has a 10 acre waterway and 60 acres of grassed waterways, graded borders and bermuda pasture planting. Bruce Coleman, Tommy Braddy, Luke Miller, Julian Perrin and Wieck Brothers have constructed paralled terraces as well as other practices scheduled in their plans of operations. Over 16,000 feet of pipeline for livestock water is now being installed on the Elmer Northcutt, S. N. Thweatt, Claude McDougall and Richard Fortenberry farms as specified in their contracts. Roger Brumley, Ira Scott, Fred Collett and H. B. Fain have completed contracts on their ranches which has resulted in considerable improvement in the condition of their native rangeland.



STUBBLE MULCHING is rapidly becoming an important dry-land practice in Deaf Smith County. The above photo was made on the J. V. Perrin farm. (SCD Photo)

F



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More than ever before farmers
are now looking to

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R

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D

See
KEMP TRACTOR
and
MOTORS
for
Ford Tractors & Equipment



Proper Times For Application Of Nitrogen Depends On Soil

By Bill Bennett

The proper time of application of nitrogen fertilizer depends on the soil, crop and type of nitrogen fertilizer being used.

Let's look first at the fact that the major sources of nitrogen in this area can be classed as ammonium nitrogen, nitrate nitrogen or a combination of the two. Anhydrous ammonia, urea and ammonium sulfate are nitrogen fertilizers containing only ammonium nitrogen. Ammonium nitrate contains half ammonium and half nitrate nitrogen. Nitrogen solutions will vary in ammonium or nitrate nitrogen content, depending on the materials used in preparing the solutions.

This sets the stage for reaction with the soil. The positively charged ammonium ion reacts with the negatively charged clay particle in the soil. It will stay attached to the soil particle until it is changed by bacteria or utilized by the young plant. Nitrate nitrogen, on the other hand, is negatively charged and will not react with the soil but will stay in the soil solution. As a result, nitrate nitrogen will move both up and down with soil moisture.

The next item to consider is the conditions under which the ammonium will change to nitrate. This changeover starts taking place when the soil reaches about 65 degrees and the bacteria become active.

Bacterial activity increases slowly as the soil warms up, thus increasing the rate of changeover. By the time the soil reaches about 90 degrees, the changeover to the nitrate form

is fairly rapid. Soil temperatures in this area reach about 65 degrees in May or June and will usually reach 90 degrees in August.

These considerations tell us that ammonium forms of nitrogen can be safely applied any time in the fall after the soil temperature goes below 65 degrees. Nitrate forms of nitrogen probably can be safely applied to our heavier clay loam soils without any appreciable loss, since water movement through these soils is not too rapid. To be safe on nitrate sources of nitrogen, they should be applied about the time the plants will need a good supply of nitrogen.

Early application of ammonia has some important benefits from the standpoint of convenience. The job is done early when time and equipment are available. You don't have to worry about sidedressing nitrogen when you need to be cultivating. Too much moisture may hinder sidedressing.

The question often comes up on whether it is ever too dry to apply ammonia — my reaction is seldom, if ever. If the chisel marks can be properly covered, there will be little chance of losing ammonia on dry soils. Soils can often be too wet to apply ammonia since it may be difficult to cover the chisel opening. Poor physical condition where soil is exceptionally cloddy may also prevent proper application of ammonia.

The main point to remember on nitrogen is to apply a sufficient quantity and get the job done. Losses of nitrogen from early application of ammonia will be small if any.

County Covered In Soil Survey

According to Herbert E. Bruns, Soil Scientist for the Tierra Blanca Soil Conservation District, all of Deaf Smith County soils have been surveyed under the Standard Soil Survey. A report on the county has been completed also. The report will be edited in the near future and final publication will probably be completed in about two years.

The soil survey of Deaf Smith County will serve various groups of readers. It will help farmers

in planning the kind of management that will protect their soils and provide good yields.

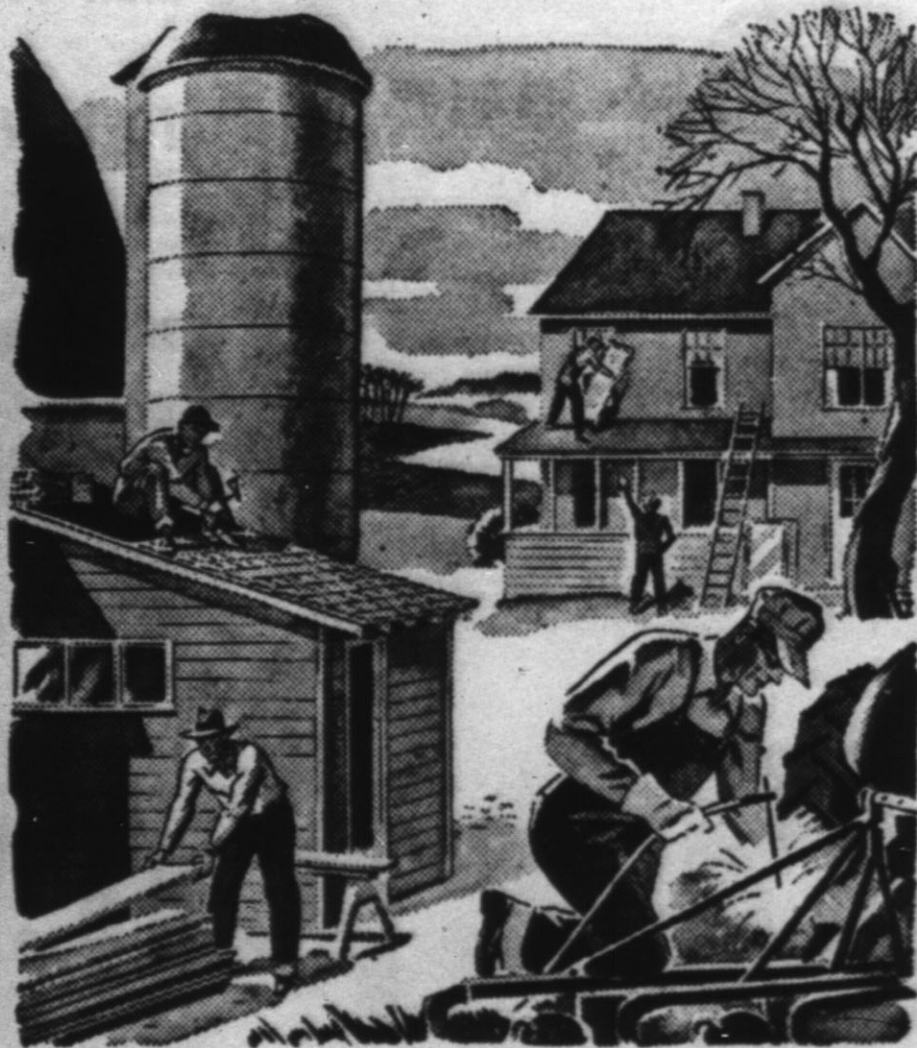
Besides the soils map, there will be special sections of this report which will interest different groups of readers. A section titled General Nature of the County which mentions climate history and geology and which gives some statistics on agriculture, will be of interest mainly to those not familiar with the county. Those who use the soil to grow plants, such as farmers, ranchers and gardeners, will be interested in the sections intitled "Descriptions of Soil and Use and Management of Soils." Engineers and contractors will want to refer to the section,

"Engineering Properties of the Soils". Students, teachers and other users will find information about soils in various parts of the report, depending on their particular interest. Soil scientists and those interested in the scientific aspect of soils will find information about how the soils were formed and how they are classified in the section, "Genesis, Classification and Morphology of Soils".

The soil survey and report is truly meant for a large number of different interested users.

When streams dry up and Black blizzards hide the sun; We blame the weather-man, but Is he the guilty one?

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... BY HIS IMPROVEMENTS

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WHEN CONVERTING cropland back to native grass a good dead litter cover should be established. Shown here is grass being drilled in a litter on the Mack Forrester farm west of Ford. Seeding being done through a Great Plains Conservation Program contract. (SCD Photo)



OUTLET END of earthen diversion on the J. V. Perrin farm. Note excellent grassed waterways to carry water safely to some rangeland. (SCD Photo)

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Soil and Water Stewardship.....



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Hybrid Grain Sorghum This Spring

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SCOTT SEED CO.

Remember... Planting time is just around the corner. Be sure you have your order in for the type and amount of seed that you will need this year.

Farmers Home Offers Loans For Many Farm Purposes

The Farmers Home Administration, an agency of the U.S. Department of Agriculture, serves eligible farmers with credit for all farming and ranching needs including soil and water conservation practices. Loans are made only to applicants unable to obtain adequate credit from other sources at reasonable rates and terms.

WATER DEVELOPMENT AND SOIL CONSERVATION LOANS are made to eligible individuals and groups of farmers and rural residents to develop water supply systems for irrigation, household use and livestock and to carry out soil conservation measures. Loans for shifts in land use including the development of recreational facilities are also made to non-profit associations in rural areas. Each loan is scheduled for repayment in accordance with the borrower's ability to repay, over a period not exceeding 40 years. In the case of individual loans, a borrower's total indebtedness on the farm at the time the loan is made may not exceed \$80,000 or the normal value of the security, whichever is less.

OPERATING LOANS are made to eligible operators of farms, not larger than family farms, to assist them in making improved use of their land and labor resources and make adjustments necessary for successful conservation farming. Funds may be advanced to pay for equipment, livestock, feed, seed, fertilizer, for other farm and home operating needs, to refinance chattel debts, and develop income-producing recreational enterprises. Each loan is scheduled for repayment in accordance with the borrower's ability to repay, over a period not exceeding 7 years. The interest rate is 5 percent.

FARM OWNERSHIP LOANS are made to eligible farmers to enlarge, develop, and buy farms not larger than family farms, to refinance debts, and develop income-producing recreational enterprises. Each loan is scheduled for repayment in accordance with the borrower's ability to repay, over a period not exceeding 40 years. The interest rate is 5 percent. A borrower's total principal indebtedness on the farm at the time the loan is made may not exceed \$80,000 or the normal value of the security whichever is less.

RURAL HOUSING LOANS are made to eligible farm owners and owners of non-farm tracts in rural areas and small rural communities with populations of not more than 2,500. Loans are made for the construction and repair of needed homes and essential farm buildings. Each loan is scheduled for repayment in accordance with the borrower's ability to repay, over a period not exceeding 33 years. The interest rate is 4 percent. Insured loans may be made to individual farmers, groups of farmers, and public or private non-profit organizations to finance housing facilities for domestic farm labor.

Housing loans may be made to elderly people, 62 years of age and over, who live in rural areas, to buy previously occupied housing as well as build or improve their homes. Senior citizens can use a housing loan to finance the cost of a building site as well as the dwelling. When they do not have enough repayment ability they may use

cosigners to assume loan payments. Insured loans may be made in rural areas to individuals, corporations, and partnerships to provide housing for elderly rural people.

WATERSHED LOANS are made to local organizations to help finance projects that protect and develop land and water resources in small watersheds. Loans are made only under watershed plans approved by the Soil Conservation Service and, under certain conditions, by the Congress. Eligible local organizations include soil conservation districts, irrigation districts, municipal corporations, non-profit irrigation or reservoir companies, mutual water companies, water users' associations and similar organizations. Loan funds may be used to pay the applicant's share of the cost of flood control dams and reser-

voirs, water supply reservoirs, rural water supply distribution systems, diversion dams, irrigation canals, recreation facilities easements and similar purposes. Watershed loans are made payable over periods up to 50 years.

RECREATION LOANS are made only to farmers and ranchers who personally manage and operate not larger than family farms. They are aimed at helping borrowers develop recreation enterprises that will supplement their income from farming. Some examples of recreation enterprises that may be financed are camping grounds, swimming facilities, tennis courts, riding stables, vacation cottages, lodges and rooms for visitors, lakes and ponds for boating and fishing, docks, nature trails, picnic grounds, shooting preserves.

FHA Makes Loans To Rural Groups

LOANS TO RURAL GROUPS THE FARMERS HOME ADMINISTRATION makes loans to groups of farmers, ranchers, and rural residents to develop water supply systems for irrigation, household, and livestock use, and to carry out soil conservation measures. Loans may also be made for shifts in land use to develop recreational facilities and grazing areas. These loans are made under the provisions of the Consolidated Farmers Home Administration Act of 1962.

Loans are made only to groups who are unable to obtain the credit they need from other sources at reasonable rates and terms.

Organizations operating on a nonprofit basis, such as nonprofit corporations; irrigation, water supply, or soil conservation districts; grazing or recreation associations and small country towns and other rural political subdivisions are eligible for loans when they are unable to obtain needed credit elsewhere. Control of the borrower organization must remain with local rural residents and farmers, however, others may use the facility. They must have legal capacity to borrow and repay money, to pledge security for loans, and to operate the facilities or services to be installed with the loan funds.

LOAN FUNDS may be used to install or improve rural water supply and distribution systems that furnish water for household, livestock and fire protection. A system may include capacity for commercial and industrial use when the cost of such capacity will be less than the cost of the capacity for other purposes. Loan funds may be used to install, repair, or expand irrigation facilities including water supply reservoirs, diversion dams, wells, pumping plants and pipelines. Help soil conservation districts and other groups buy special equipment to establish water development and soil conservation measures such as terraces, farm ponds, land leveling, tree planting, brush removal, subsoiling, and seeding. Pay engineers, attorneys, construction foremen, and laborers needed in the planning and installation of facilities. Pay other costs related to the im-

provements, including the acquisition of rights-of-way and

Mesquite Gains, SCS Worried By Invasion

Not normally considered a factor in the Tierra Blanca District, Mesquite has now reared its ugly head to plague ranchers in the northwest parts of Deaf Smith County, according to officials of the Soil Conservation District.

In other areas, the invasion of Mesquite and other brush, has depleted a large portion of the native grass, and although it has not been a major problem in Deaf Smith County, noxious brush has increased in the ranch sections of this county to the

easements, relocation of roads and utilities, and construction of service lines.

Loan Funds may also be used to finance shifts in land use including the conversion of cropland to grazing areas and the conversion of land to uses that promote better conservation of soil and water resources. Development of wildlife areas. Development of recreational areas, including the development of ponds, lakes, picnic areas, and parks. Sports areas including athletic fields and facilities, golf courses, target ranges, and ski slopes. Camping facilities, such

point that it has become a problem.

Ranchers in this area of the district are taking positive steps to prevent the spread of the invading brush, however, and it is felt that the problem will be localized and perhaps eradicated in the near future.

Ira Scott, J. S. Bridwell and Malcolm Moser have aerial-sprayed Mesquite since 1958. Other ranchers in the area are also busy trying to eliminate the menace.

Mesquite, left to run its own course, will spread rapidly, robbing native grasses of moisture and nutrients. As the brush increases, the desirable native grasses decrease.

When brush becomes a major problem as in areas below the Caprock, then drastic brush control methods plus sound range use is the only way to maintain grass production.

Statewide, some form of grassland restoration program is needed to assist Texas ranchers to eradicate brush and improve their rangeland, say local conservationists.

as tent platforms, dining halls, cabins, electric and water connections for trailers, sanitation facilities, and roadways. Forest trails and natural scenic attractions. Fishing waters together with docks and other related facilities. Hunting areas and preserves. Access roads necessary to connect recreational areas with public roadways. Parking areas in connection with recreational facilities.



MESQUITE INVASION such as the above will deplete important native grasses on range land. As Mesquite increases, native grasses decrease. (SCD Photo)



MESQUITE ERADICATION program, plus grazing his herd of Herefords. Native grasses proper range use has afforded this Deaf Smith County rancher fine pasture land for eliminated. (SCD Photo)

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Grass Is Cash Crop In Deaf Smith County

"Grass is the ranchers cash crop. When grasslands are misused and overused, the effects are the same to the rancher that a hail storm is to the wheat farmer," says Don F. Newman, SCD Service.

Over using native pastures may give a rancher an opportunity to run more cattle for a short period of time, but in the long run he will find that he will have to reduce the number of cattle because his grass will produce considerably less forage following periods of overgrazing.

Due to extreme variations in our weather, proper range use is vary difficult to plan. Well laid plans in case drought occurs is essential in a well balanced ranching operation. These plans need to include supplemental feed and reducing the herbs by culling when drought occurs.

The rule of thumb for the ranchers to remember is to allow cattle to graze half of the grass and leave the other half for plant development and improvement. Where possible a three month deferment during the summer growing season about every three to four years native grasses a chance to grow and improve. Another method is to simply practice range proper

Irrigated Grass For Livestock Gaining Favor

Interest in planting irrigated grasses for livestock grazing remains high in the Tierra Blanca Soil Conservation District. This important practice is gaining in popularity.

There has been over 3000 acres planted to irrigated switchgrass or midland bermuda in the past few years. This important practice is playing a major role in diversifying irrigated farms to include livestock in farming operations.

There are several factors to consider for those who are interested in pasture planting. One must select a grass to best fit his needs. The most common and best proven grasses for this area are switchgrass, midland bermuda, indian grass, side oats grama and sand bluestem. The type of management a farmer expects to give his grass will

use every year, both good and bad.

Roger Brumley is one rancher who believes in good sound range management. He has seen those good years and bad years and how they effect his operations. Roger has done an outstanding job of carrying out continuous proper range use.

By practicing a good range management program, ranchers have found they can better handle the ups and downs of ranching. They have found they can maintain high producing range pastures by grazing half and leaving half.



GRADED BORDERS are recommended for areas to be sprigged to Midland Bermuda as shown here on Mack Nolan farm. (SCD Photo)

effect his potential production and should also be considered.

Grasses should be planted in the spring or early summer in a well prepared seedbed. In the case of midland bermuda, graded borders should be installed prior to sprigging the grass in order to get the proper irrigation distribution after the grass is established. Irrigated native grasses may be planted in rows on flatter slopes or drilled in graded borders on steeper slopes.

The amount of grazing expected from irrigated grasses depends on the amount of management given. Frequent application of water and fertilizer will give maximum production.

Management is extremely im-

portant. Many farmers have found they have not allowed their grasses to make sufficient growth before grazing begins and consequently they have overgrazed their pastures in a short period of time. Overgrazing reduces vigor and future rate of growth. Grazing should be postponed until grasses such as switchgrass has grown to a height of about 20 inches and bermuda grass should reach a height of about 8 inches before grazing begins.

Pastures should be stocked in accordance with the degree of management expected. Under proper management, irrigated pastures will furnish considerable profits from grazing. With-

Democratic Plan Is Called Best

Our government is founded on the principle that we — all of us together have the spirit and the ability to decide for ourselves the actions we want to take together in our joint interest and common welfare. This is what we as a nation believe. This is a representative self-government — the best government and the best society that men and women have ever enjoyed on earth. This is the kind of government and society that offers the greatest advantages in personal liberty and the greatest opportunities for accomplishment.

Districts stand for local leadership in doing the job of conserving the soil and water of our nation — a job that becomes more urgent each day.

Never have the people of a free country faced a greater challenge of soil and water conservation.

out proper management many will be disappointed with the production they receive from the irrigated pastures.

F. L. Eicke, Alfred Reinart, Cloyce Kemp, George Warner, H. H. Miller, Saie West, Carroll Forrester and Robert Lloyd are some who have well managed Mack Nolan, Clinton Jackson, "Doc" Bezner, Andrew Kershen, Buford Carter, Claude Dameron and Albert Lamb have sprigged midland bermuda pastures.

Cost sharing assistance is available through the Great Plains Conservation program at the ASCS office for establishing irrigated pastures.



DURING THE GRAZING season, irrigated grasses should be managed to leave adequate stubble height to maintain a strong healthy plant. The field on the left has been properly grazed while the one on the right is over-

grazed. The grass on the right will have reduced vigor and will produce less grazing the coming year. (SCD Photo)

CONSERVE....

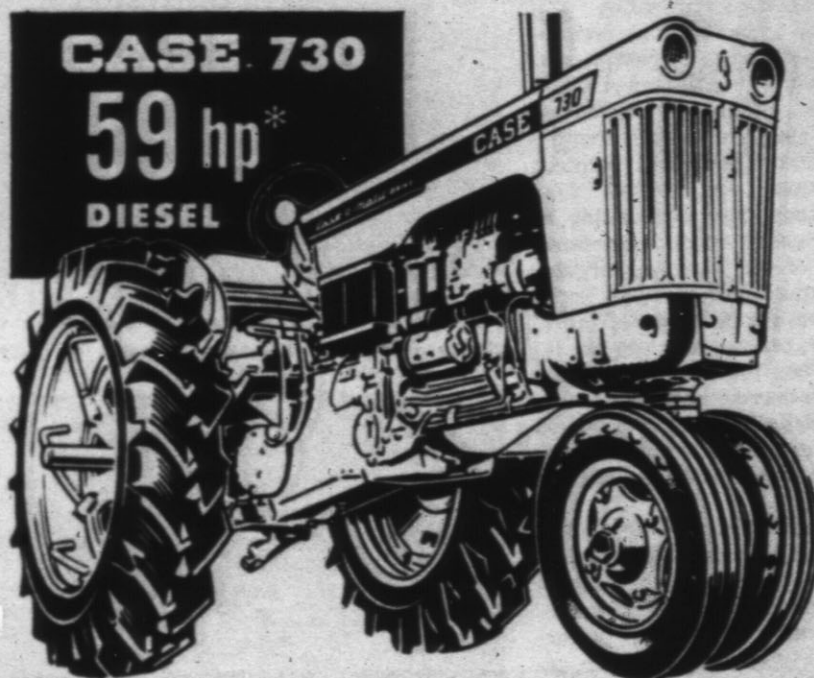


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Terra Blanca Self-Ruling

The Terra Blanca Soil Conservation District is a legal subdivision of Texas State Government and created to administer soil and water conservation work within its boundaries. It is

not a branch or agency of any Federal Department. The District is self-governed and has authority to enter into working agreements with other governmental agencies and with private concerns to carry out its purposes. The Terra Blanca SCD has such a working agreement with the USDA Soil Conservation Service who maintains a staff at Hereford to provide technical assistance to the District for the planning, application and maintenance of conservation practices. The boundaries of the District are the same as for Deaf Smith County.

The idea for Soil Conservation Districts in the Nation came back in the 1930's when mount-

ing soil erosion, floods, and land damage was topped by monstrous storms, sweeping soil from the Plains over large areas of the country. Coupled with the depression, thousands of farm families were faced with poverty and forced to move. In 1936 Deaf Smith County and many other Texas counties formed Wind Erosion Districts to help fight severe erosion occurring in the country.

By the late 1930's conservation leaders throughout the U.S. studied Texas Wind Erosion Districts and analyzed various ways of controlling soil erosion and water loss. These men found that the only way to tackle the erosion problems was through

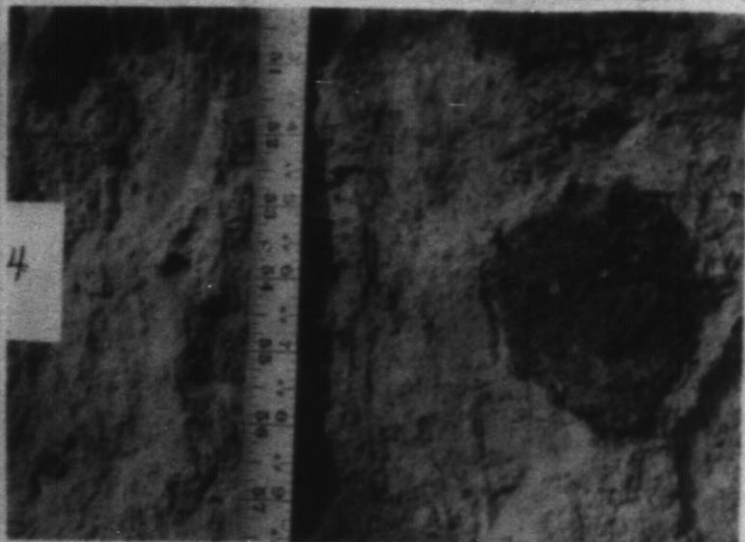
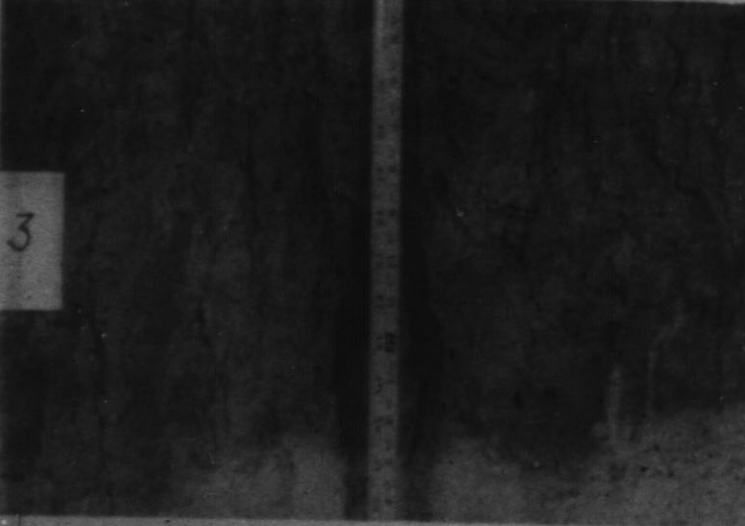
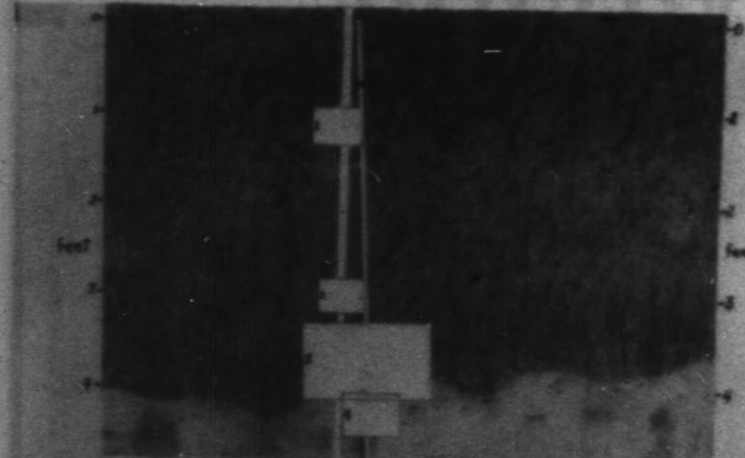
the farmers and ranchers themselves. Everywhere in the studies it was apparent that the really effective soil and water conservation work was done faster and better when the farmers and ranchers took an active part in the job.

Out of all this experience and studies the Soil Conservation District idea was born. The men most concerned with conservation realized that as long as land was used by free people, the people themselves must organize to use it safely.

The Terra Blanca SCD was actually organized from the old Deaf Smith County Wind Erosion District. The District was organized as all other SCD's. Local landowners petitioned the State Soil Conservation Board. The State Board held a public hearing to decide if there was enough interest to form a successful District. Then a referendum was held and each landowner was entitled to a vote on whether he wanted the District. Deaf Smith County landowners voted for the District.

The SCD is governed by five elected landowners who make up the Board of Supervisors. The SCD Board directs the activities of the District and coordinates the conservation efforts of various State and Federal agencies, and other organizations.

The Terra Blanca Soil Conservation District is a true example of local self-government. The people of Deaf Smith County joined together voluntarily and legally to solve their own soil and water problems through their own Soil Conservation District.



PULLMAN SOIL — This Pullman silty clay loam soil was photographed in a pit on the Overstreet farms in Deaf Smith County. The numbered blocks represent close-up picture taken of different layers of the soil. At the time the picture was taken, the soil had native grass growing on it. There was two inches of soil which had accumulated from cultivated fields. The layers of the soil are as follows: Topsoil, 0 to 7 inches; clay subsoil, 7 to 28 inches; calcareous clayey subsoil, 28 to 48 inches; caliche layer, 48 to 55 inches plus. Note: Darker shaded spots in the caliche layer are probably old rodent or prairie dog holes which have filled.

PICTURE NO. 1 — Dried clayey subsoil of Pullman silty clay loam soil. Soil has broken naturally into block-like pedes which have clay films on their surfaces. Roots generally follow faces of the dense blocks with few penetrating the interiors of the blocks. Water movement through this layer is very slow. This layer has about 15 per cent more clay than the topsoil.

PICTURE NO. 2 — Dried calcareous clayey subsoil of Pullman silty clay loam soil at three foot depth. Soil has broken naturally into rounded block-like pedes which have thin clay films on their surfaces. Calcium carbonate threads and a few films stain ped surfaces. This layer furnishes much water during the middle to latter part of the growing season of most crops.

PICTURE NO. 3 — Soil scientists say that the forty-four inch to fifty inch layer was part of another soil in the past. This layer is strongly calcareous and has some calcareous threads and occasional concretions. The two streaks to the right at the 47 to 50 inch zone are from an insect burrowing caliche from the caliche layer below.

PICTURE NO. 4 — This is the caliche layer which has from 50 to 80 per cent lime. This layer has many fine pores which were caused by roots growing through the layer. The large dark circular spot at the right is called a krotovina by soil scientists. It is an old burrow dug by a rodent which has filled with the soil from above.

Farmers Form Own SCS Set-Up

Texas Soil Conservation Districts have been organized voluntarily by the local landowners and are local units of State government created for conservation action.

Soil Conservation Districts, as a local form of government, has the job of coordinating the resources of individual landowners and operators, businesses and organizations, and State and Federal Agencies to develop a program that effectively attacks local soil and water problems.

The elected board of supervisors who acts as Soil Conservation District governing bodies believes that man has God-given responsibility for conserving and improving the precious soil, water, and plant resources with which our Creator has so generously endowed us, and without which man cannot live. Districts further believe that the conservation of our greatest natural resources, soil and water, is and should be everybody's business, and that our local economic well-being depends so largely upon productive lands and pure water.

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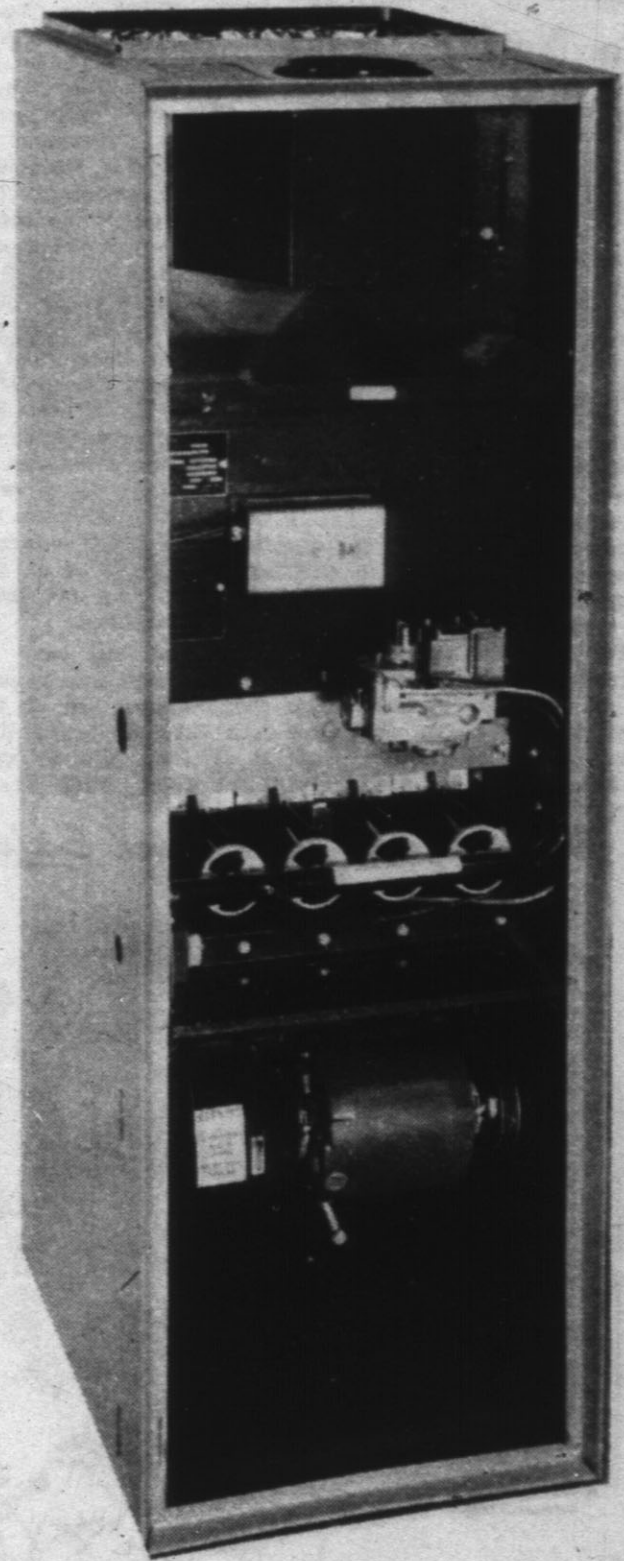
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Land Returning To Native Grass Is Soil Builder

by Charles Hoover,

Each year many Tierra Blanca Soil Conservation District cooperators convert some of their crop land back to native grasses. These farmers and ranchers have developed conservation plans to make land use adjustments that will tend to help them achieve a more stable operation. Usually the land converted to grassland by range seeding is marginal, lower producing land that has a greater erosion hazard. By carrying out range seeding the SCD cooperators are able to diversify their operations.

The best and safest way to establish desirable native grasses on old cropland fields is to first establish a good dead litter cover. Normally grain sorghum or forage sorghums are drilled

in a good seedbed, allowed to grow and then shredded to prevent seed maturity. Then in early spring such native grasses as blue grama and side oats grama are drilled in a dead litter. Weed control plays an important role in obtaining a good stand of grass. Spraying offers the best weed control. The seeded area should be deferred at least one year following the seeding.

Over the District there are excellent stands of grass that have been carried out through Great Plains Conservation Program and Conservation Reserve contracts. Eighty per cent cost sharing assistance is available through the Great Plains Conservation program for carrying out range seeding on old cropland fields or on soil bank land that does not have good grass established.

Some of the local farmers and ranchers who have applied range seeding are: J. L. Woodford, Billie Hodges, J. R. Wheat, H. B. Fain, Claude McDougal, Luke Miller, Paul Metcalf,

Weick Brothers, R. W. Northcutt, W. H. Long, H. D. Fowler, Lois Miller, Howard and Cameron Gault, and Carroll Forrester.

Each year about 1000 acres of cropland is being converted back to rangeland by local farmers and ranchers. Besides protecting their land from erosion by making land use adjustments these farmers and ranchers are doing their part to help reduce surpluses.

Building of Farm Ponds Increases

"The number of farm ponds being constructed in the ranching areas of Deaf Smith County is growing," says Robert Gray, Agricultural Engineer of the Soil Conservation Service. These ponds are built for livestock water and for better distribution of grazing. They have proven to be very valuable to any ranch and especially to the areas where adequate windmill water is not available.

Lets think for a minute about some of the requirements of a good pond. First the area to drain into the pond (watershed) should be at least 75 percent good grassland. If too much cultivated land is in the watershed, excessive silting will occur and the ponds life will be reduced. If the only site available has more cultivated land than 25 percent we can construct a pit type pond on the side of a flat draw. When the pit becomes full, then all other water will be routed around it in order to cut down on the silt accumulation.

An earth fill, or dam, is best suited on narrow deep draws. This allows more storage with less dirt moving. When a dam type pond is desired we must also make provisions for a good emergency spillway. Due to unpredictable weather, it is possible that the pond will be full of water when the large rains come. If an adequate emergency spillway is not available the flood water will cause a gully in the spillway and thus a failure of the pond.

We should try to locate the pond as near the center of the grazing area as possible. If a site is not available near the center, there is the possibility of installing a gravity flow pipeline from the pond down to a tub in other parts of the pasture.

Evaporation in this country amounts to about 5 feet per year. This helps point out that the pond needs to be deep with a smaller surface area. It stands to reason that the 6 foot evaporation will occur at the top. If there is a large surface

Contour Farming Seen as Answer To Runoff Water

Holding the moisture where it falls can mean the difference in making a crop and not making a crop, according to Don F. Newman, Work Unit Conservationist of the Tierra Blanca Soil Conservation Service.

Contour farming can help you save those valuable rains. Many farmers, in a hurry to get their

work done will take the easy way out, but often the expensive way. These farmers will farm up-and-down slopes or leave one-way corners which could cause erosion. Proper conservation methods might take a little longer, but the end results will mean money in the bank for these farmers. Conservation pays.

Some of those who are presently farming on the contour are Luke Miller, William Kahlich, R. L. Cocanougher, N. A. Brown & Sons, Joe Wieck, Fritz Wauter and Tommy Braddy.

area, we lose more water when this 6 foot comes off.

Some of the farmers and ranchers who installed farm ponds in 1963 are: C. R. McQuigg, F. H. Miller, S. G. Wilson, Ira Scott, J. S. Bridwell, J. R. Wheat and Hamilton and Sikes.

For those who desire Federal Cost Share on farm ponds, cost share assistance is avail-

able through the ASCS office and Great Plains Conservation program. For any assistance on layout or planning of a farm pond contact the Soil Conservation Service office at Hereford, Texas.

Many of the ponds are being stocked with fish to provide recreational facilities in addition to use as livestock water.

Make Your Farm Pond Safe

BEFORE YOU BUILD YOUR POND

▲ FIND OUT WHAT YOUR COMMUNITY OR STATE LAWS SAY ABOUT YOUR LIABILITY IN CASE OF ACCIDENT OR DEATH. YOU MAY NEED TO PROTECT YOURSELF WITH INSURANCE.

▲ LOCATE YOUR POND SO THAT IT WILL NOT GET THE DRAINAGE FROM BARNYARDS OR SEWERS.

▲ DECIDE HOW YOU ARE GOING TO USE THE WATER SO THAT THE ENGINEER CAN PROVIDE FOR SWIMMING BEACHES, GUARDS OVER CONDUITS, AND OTHER SAFETY MEASURES WHEN HE DESIGNS THE POND.

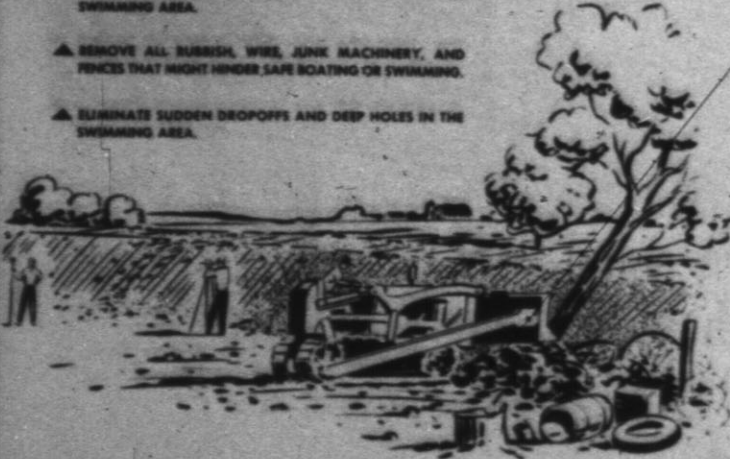
▲ HAVE YOUR POND BUILT BY A RELIABLE CONTRACTOR WHO WILL FOLLOW THE ENGINEERING SPECIFICATIONS.

DURING CONSTRUCTION

▲ REMOVE ALL TREES, STUMPS, AND BRUSH WITHIN THE SWIMMING AREA.

▲ REMOVE ALL BURNISH, WIRE, JUNK MACHINERY, AND FENCES THAT MIGHT HINDER SAFE BOATING OR SWIMMING.

▲ ELIMINATE SUDDEN DROPOFFS AND DEEP HOLES IN THE SWIMMING AREA.



WHEN POND IS COMPLETED

▲ MARK THE SAFE SWIMMING AREAS.

▲ PLACE WARNING SIGNS AT BARRIER POINTS.

▲ PLACE LIFESAVING DEVICES SUCH AS RING BUOYS, ROPES, OR LONG POLES AT SWIMMING AREAS.

▲ POST SAFETY INSTRUCTIONS FOR BOATING, SWIMMING, AND SEATING.

▲ NEVER SWIM OR SEAT ALONE.

▲ USE BOATS THAT WILL FLOAT IF SWAMPED OR CAPSIZED.

▲ STAY OUT OF FARM PONDS DURING STORMS AND WHEN SPILLWAYS ARE FLOWING.

▲ REMEMBER THAT FARM PONDS ARE HAZARDS TO SMALL CHILDREN.



OTHER IMPORTANT POINTS

▲ NONSWIMMERS SHOULD WEAR LIFEJACKETS IN BOATS.

▲ ALL CHILDREN SHOULD BE ENCOURAGED TO LEARN TO SWIM. THE RED CROSS, Y.M.C.A., AND OTHER ORGANIZATIONS HELP WITH SWIMMING, LIFESAVING, AND ARTIFICIAL RESPIRATION INSTRUCTION.

▲ POSTERS ON SAFE BOATING, SWIMMING, AND SEATING ARE AVAILABLE FROM THE AMERICAN RED CROSS AND OTHER ORGANIZATIONS THAT DEAL WITH WATER SAFETY.



THE ABOVE ILLUSTRATIONS have been published by the Soil Conservation Service to aid its field employees in discussing water safety, part of the U. S. Department of Agriculture's overall farm safety program.



H. D. ROBBINS used a chisel on his rangeland to help obtain range improvements. (SCD Photo)



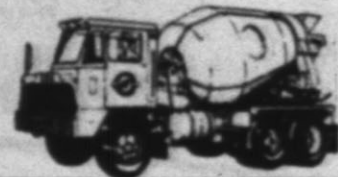
PIT TYPE pond on the Bill Dameron Ranch. Pond is full and providing adequate water for livestock. (SCD Photo)

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When you drive out in the country and see a field of grain, vegetables or grassland it means that somebody is making your life better by adopting soil conservation methods.

Somebody is safeguarding that which is our richest source of income, that which makes this county one of the finest agricultural counties in the great southwest.

THAT'S WHY WE say Soil Conservation is Everybody's Business. Sifted down to simple terms, soil conservation is saving what we enjoy, so others in future generations may enjoy these benefits. That's why we say the more our soil produces, the more we prosper.

Learn more about soil conservation and what it means to our community. Remember . . . it's Everybody's Business.

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SCS Represents All the People

Of all the people who do conservation work, the most impor-

tant are the owners and users of farm and ranch land.

Soil Conservation Districts are assuming the leadership in soil and water conservation throughout Texas and the nation. These Soil Conservation Districts represent all of the people in the

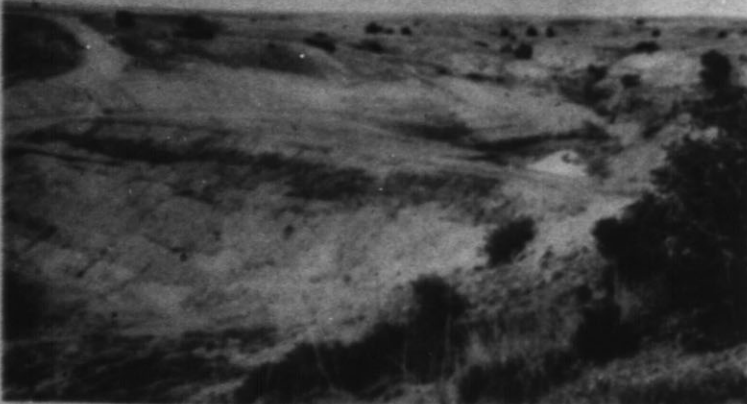
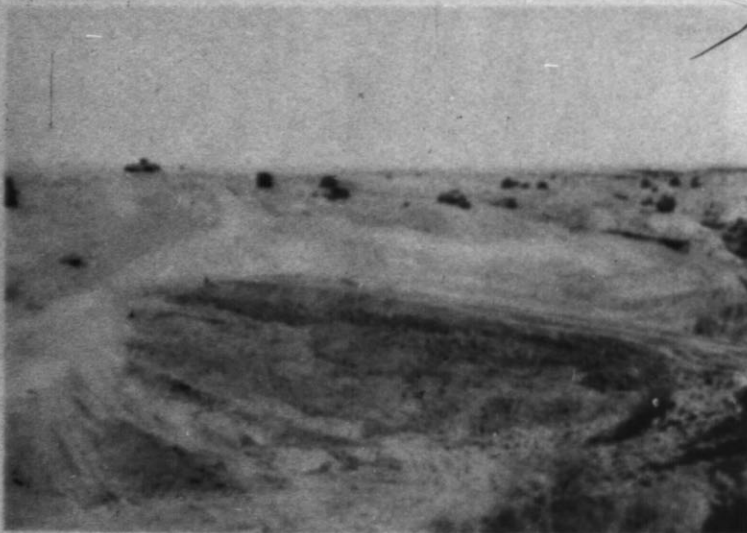
District and is the farmer's and rancher's own conservation program. In Texas, Soil Conservation Districts are authorized under state law.

Each Soil Conservation District is administered by a governing body of five local landowners elected by their friends and neighbors who are landowners in the District and serve

without pay. It is their responsibility to administer the program and plan of their Soil Conservation District, administer funds that they may have available for the benefit of the program, operate district-owned equipment, hire district employees as needed, and ask for and secure help from local, State and Federal Agencies. It is the

responsibility of the Soil Conservation District to see that all farmers and ranchers in the District receive technical information and other assistance they need to do the conservation job on their land; and to keep all the people in the District informed about the conservation problem and progress made toward its solution.

In addition to assistance from the Soil Conservation Service, the District can ask for and receive assistance through a number of other programs and people. Help goes to districts from the Agricultural Conservation Program, Farmer's Home Administration, U. S. Forest Service, The Texas Forest Service, U. S. Fish and Wildlife Service, Texas Parks and Game Commission, Agricultural Extension Service, Texas Experiment Station, Texas Educational Agency, colleges, universities and others.



Coleman Uses Waterway To Halt Erosion

Bruce Coleman, who farms near Walcott, has a theory about soil conservation. It goes like this:

"Soil that took millions of years to form is our greatest natural resource, and if we don't take care of it for the generations to come after us we won't have much to pass on to our children."

To prevent this land desecration, Coleman says, "So the answer is to use the most modern information and methods we have available to protect this soil."

He says he believes our soil conservation program is one of the most efficient and valuable services we have, "adding, I only wish more people would take advantage of it."

Coleman farms more than 1300 acres, mostly in wheat and grain sorghum, but he has been in the Tierra Blanca soil conservation program for some time. He started several years ago, in fact, his first soil-building practice being a waterway program with establishment of permanent grass. Now, he's in the process of building terraces on a 560-acre farm. This is a piece of land, Coleman says, which has always washed badly and the gullies are getting so deep "I have difficulty farming across them." So something had to be done. Water from the north for a good many miles parked on Coleman's land. That is why he built the waterway to turn the water on lands in other fields.

Coleman runs 70 head of female stock — Angus — and then he buys steers in the fall to use on wheat pasture. These last he sells off, come spring.

"I have some land in the soil bank, and I'm trying to establish a quality herd of Angus cattle to keep this soil bank in grass," he explains.

To accomplish this purpose he planted a good grassmixture, made up of blue gramma, buffalo, western wheat grass, side oats and a little weeping love grass. It's working out real well.

Coleman, besides being a good farmer, is active in other affairs. He's on the Child welfare board and is chairman of education at the First Christian Church in Hereford. He and Mrs. Coleman have two boys and a girl, and Coleman says frankly that he hopes "they stay in the farming business."

STORY OF A POND: Picture No. 1 shows the site that Ira Scott selected to build his on-the-farm pond. Picture 2 show where vertical banks were back sloped to prevent cave in and to provide shallow water for livestock to drink. Picture 3 was taken as actual construction of fill begins with draw down tube being installed. Picture 4 shows hand labor being used to install and pack in draw down tube. Picture 5 was taken after draw down tube was installed and heavy equipment moves dirt into fill. In illustration No. 6, the dam is beginning to take shape and Picture No. 7 shows pond finished with good spillway and draw down tube. At this stage construction, the dam caught a little water after the first rain. Illustrations 7 and 8 show pond after 2nd rain and later as the water begins to rise. This pond was built on the Ira Scott ranch located 16 miles west of Hereford. Many other on-the-farm ponds are located throughout the Tierra Blanca Soil Conservation District.

(SCD Photos)

Soil and Water CONSERVATION

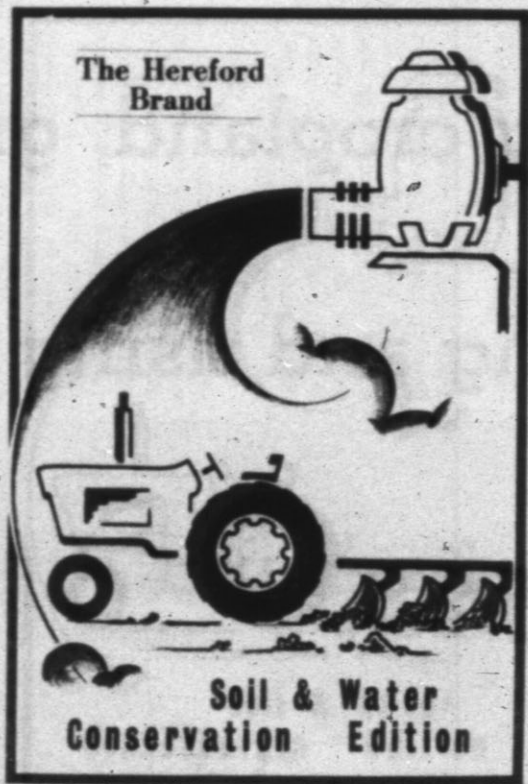
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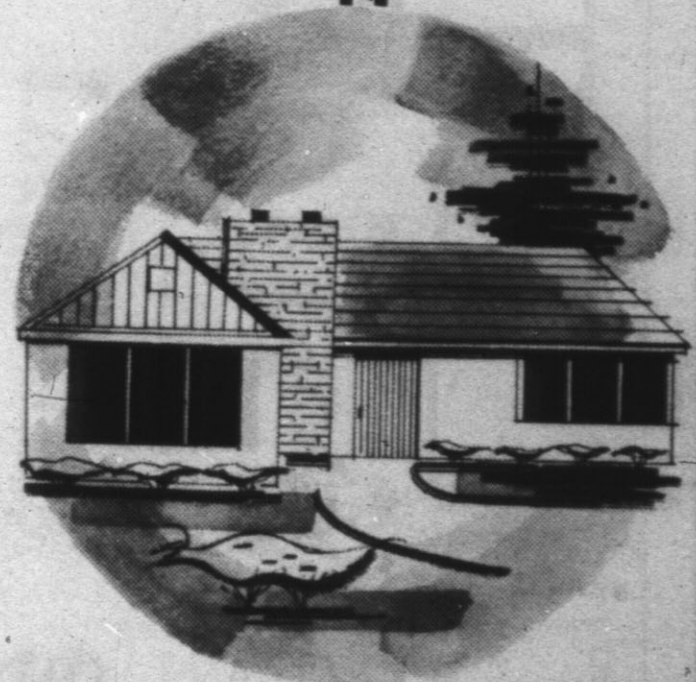
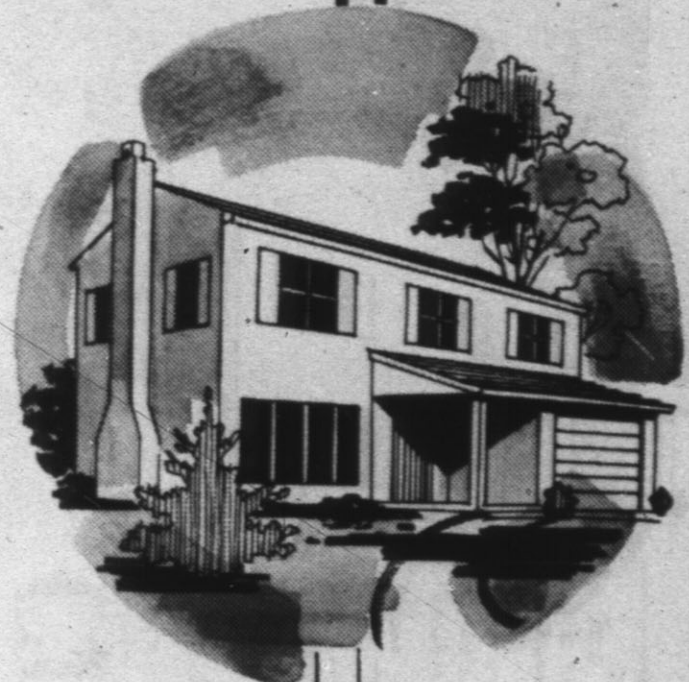
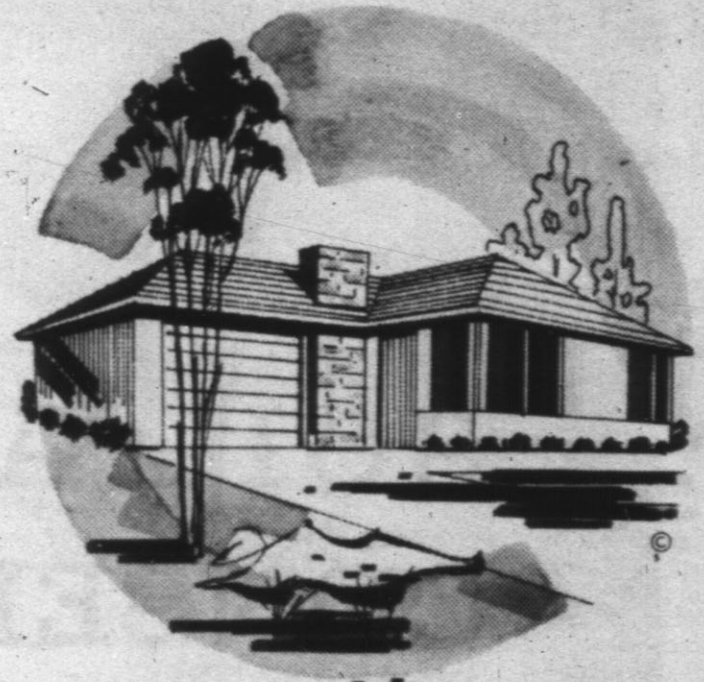
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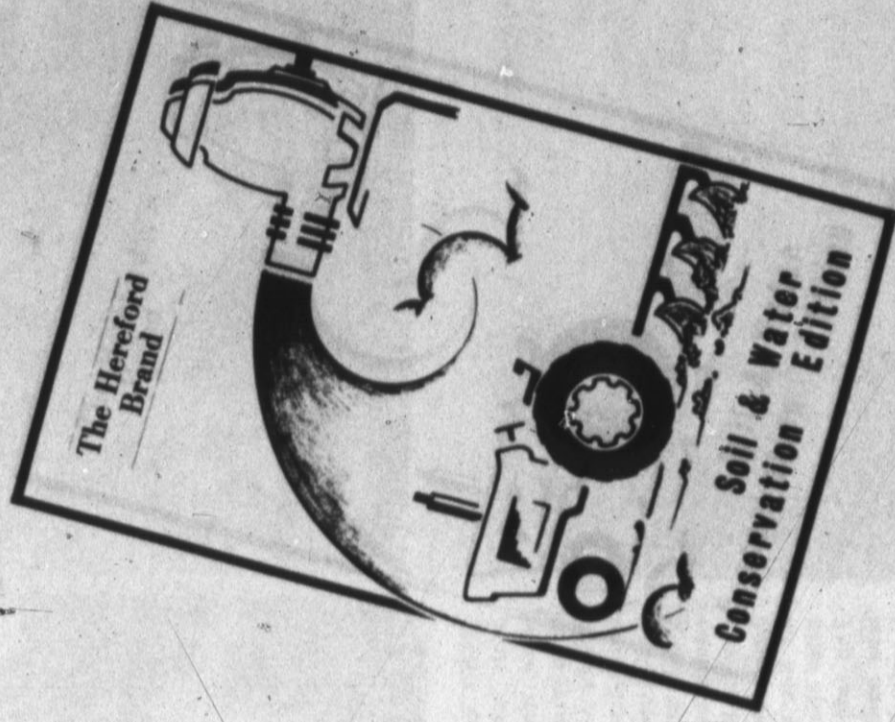
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LOOK, UP IN THE SKY! — It wouldn't surprised anyone to see Superman come flying in during the Key Club and Hi-Y basketball game, played Friday in the gymnasium. No one seemed sure what the final score was, but it was thought that the Key Club came out on top. (Photo by Gerald Leatherman)

That Was The Game That Was Funny!

After the cheering had died and the yelling had stopped, the fun and excitement started as the basketball game between the 'Play Boys' and the 'Preachers' was under way.

The Key Club, under the name of 'Play Boys' and the Hi-Y under the name of 'Preachers' presented the student body with a comical basketball game Friday, in the HHS gym.

Jackie Andrews, participating as referee, started the game with a toss up. Then the boys played, with their own rules. Arvell Williams seemed to have a problem throughout the game, he was on the floor more than the was on his feet. Among other interesting incidents, Gary Royal and David Block were spending time laughing and keeping their overalls on while the other boys were fighting over the ball. There was more time spent fighting over the ball, having toss-ups, and keeping the referee from trying to shoot, than in actual basketball play.

The boys who did not participate in the game were seated in a special section as a cheering squad. Mike Ferguson, Danny Cates, Neal Lueb, and Earl Jackson, dressed in skirts, blouses, and hats were the cheerleaders for the Hi Y.

The game ended with an undecided score and the student body in tears from laughter. "That was the funniest game I have ever seen," said Judy Husemann.

Editors' Notes:

By Linda Higgins and Lou Ann Witkowski

Well, girls, you have exactly two more days left in this leap year February. If you are trying to get a "feller" you better hurry before time is all gone.

Speaking of time running out — six weeks tests are next week. Then, after that there will be only 12 more weeks of school.

Last Thursday several new faces were seen around the school. These distinguished looking people were observing student teachers from West Texas University.

They visited HHS for one day but will return in March for the last nine weeks of school.

They are Sylvia Sparks, who will teach math under Mr. David Patterson; Myrna Vargas, who will assist Mr. Charles Holt in biology classes; Vilora Adair will teach with Mrs. Ilene Young in Spanish; Nancy Metcalf will student teach business under Mrs. Sue Howell. Ezekiel Vargas will assist Mrs. Billye Buck as he teaches social studies, and George Allen will teach bookkeeping under Mr. Joe Smith.

The Junior and Senior high bands will have a band concert

Whitefaces Have 11-15 Record For 63-64 Season

By Vickie Inman

This season in basketball, the Whiteface team played 26 games, winning 11 and losing 15. High point man was Earl Jackson who averaged 10.8 points per game. Several boys played in all 26 games — Jim Haney, Earl Jackson, Billy Hill and Neal Lueb. In field goals, the highest score was 99 by Earl Jackson. Jim Haney scored the highest amount of free throws — 91.

Earl Jackson, aside from being a high point man and the high field goal scorer, played in 103 quarters and received 104 rebounds during that time. He had 83 successful free throws and a total score of 281.

Jim Haney played in 99 quarters in which he received 121 rebounds. He successfully made 82 field goals and 91 free throws, making a total score of 255 and an average of 9.8 points per game.

In the 25 games and 95 quarters Danny Cates played, he successfully made 90 field goals

and 44 free throws. His average points per game were 9.0, while his total score for the season was 224 points.

Billy Hill played in 103 quarters, averaging 7.2 points per game. He made 77 field goals and 34 free throws, with a total score of 188.

Mike Ferguson played in 50 quarters this season, marking up 140 points. He had 42 field goals, while his free throws amounted to 56.

Mike played in only "B" games as he had to leave basketball because of a heart condition.

Neal Lueb played 91 quarters in which he received 75 rebounds and made 29 field goals and 38 free throws. His total score for the season was 96 points.

David Stevens played 73 quarters in 25 games and succeeded in making 32 free throws and 24 field goals, making a total score of 80 points. He received 54 rebounds.

Robert Strange played in 61 quarters in 19 games. He had

22 field goals and 18 free throws, thus making 62 points his total score for the season.

Robert missed several games as he was hospitalized with infectious hepatitis.

Charlie Moreno played in 43 quarters of 17 games and received 13 rebounds. He made 14 field goals and 10 free throws for a total score of 38 points.

Gary Don Robertson played in 33 quarters of 17 games and received 13 rebounds. He made 14 field goals and 10 free throws for a total score of 28 points.

Gary Stagner played in 16 quarters of 10 games. He made 5 field goals and 3 free throws, making his total score 13 points.

Frank Cain played 8 quarters of 6 games, made 3 field goals and 2 free throws. His total scoring was 8 points.

Frank suffered a broken arm and was unable to continue playing.

Kenny Justice played in 13 quarters of 9 games. He made 8 successful field goals and one free throw for a total score of 17 points.

Steve Hodges was the only sophomore to play in this basketball season. He played two quarters of the game in Roswell, N.M., over the Christmas holidays.

Seniors Take Measurements For Caps, Gowns

"Do you change the tassel from right to left or left to right?"

This was one of the questions asked Mrs. Billye Buck, senior sponsor, as she took measurements for caps and gowns Feb. 15 and 16.

This year caps and gowns will be white and they will be the regular ankle length. The tassels on the caps will be maroon.

Each senior is required to pay \$4.85 for freight of his cap and gown as they are being rented from E. R. Moore Co. of California and Washington.

This \$4.85 includes the price of the tassel which each senior may keep.

Mrs. Buck stated that she hoped to complete the measuring by the end of the month.

FTA Students Planning Trip To Convention

By Betty Huckert

The few members who have the most points will be the ones who will be able to go to Austin Feb. 28-29 for the F.T.A. State Convention.

Each person will be required to pay \$15 for the expenses. The club had planned to take a bus, but because of the all-school play and solo contest that same weekend, not as many would be able to go so as to qualify for a bus.

Those students who are planning to go are the following: Bob Caraway, Dorothy Frerich, Laura Higgins, Linda Higgins, Patsy Huckert, Billy Johnson, Cindy Loerwald, and John Perrin.

The best way to stop a habit is never to start it— J. C. Penney

Behind every argument is someone's ignorance.— L. B. Bradeis

The Whiteface

Official Publication
Of
Hereford High School
Hereford, Texas

The Hereford Brand, Hereford Texas, Thursday, Feb. 27, 1964

Christa Explains School Customs To Curious Students

Because many students will not have the opportunity to become acquainted with the exchange students, two classes of sophomore English submitted questions that they wished answered by Christa Holz, HHS's foreign exchange girl.

Christa gives glimpses of Austrian seasons as compared to Hereford's unpredictable weather.

"Winter lasts until April, snow remains on the mountains until June. There are rainy seasons lasting for several days. Bright spring days last until warmer summer weather. The temperature, about 80, provides pleasant days for swimming and hiking."

Hereford has its harvest festival, Christa's hometown has a fair twice a year. It last a week, with much the same activities as the Tri-State Fair.

"Sports are not stressed as much in Austria as here. Soccer, similar to football, is the only game played between schools."

Christa explained that schools are not alike. "Education consists of four years of grade school. Four more years in high school is required for business school. To enter a university eight years are necessary."

Thirteen subjects include three languages, mathematics, physics, psychology and others. Classes begin at 8:00 a.m. and last until 1:00 p.m. Shorter periods are spent on each subject. There are no clubs or extra curricular activities.

The graduating system includes many tests but there is no formal graduation ceremony as here.

Hereford's graduated seniors have their senior party; in Christa's school, the students of her class went to France for 14 days.

"We had three balls, given by three different groups of my class, to finance our trip. It was wonderful!" Christa smiled.

"There are not as many cars in Austria, I would say one out of every two or three families has one."

Dating includes the theatre, concerts, dancing, skiing, swimming and hiking. "Girls begin dating at the age of 15 or 16. We date any day of the week. Here, dating is done usually on Saturdays and Sundays."

Girls as well as boys train for medicine, architecture, teaching, and engineering at the uni-

versity. "Girls marry after finishing college. The average age is about 24."

Christa has relatives in the United States. She said that she would love to return for visits after her years at Hereford High is completed.



Arvell Williams

Hereford Boy Heads District FFA Program

Editor's Note: Last week was FFA week in America, and Hereford FA chapter marked the week with programs giving information about the organization. Here is one of the articles prepared by FFA members, this one by Arvell Williams, chapter vice-president, and president of the Amarillo district.

The Amarillo district FA officers are elected each year at the first district meeting held early in the autumn of the year. The meeting is held at one of the schools in the district—Palo Duro of Amarillo, Texline, Stinnett, Grover, Boys Ranch, Canyon, Claude, Dumas, Panhandle, and Hereford.

This year Arvell Williams from Hereford is president. Other officers are Lynn Leverton, Stinnett, vice-president; Butch Brown, Groom, secretary; Kenneth Williams, Boys Ranch, treasurer; Kenneth Burton, Claude, sentinel; Ricky Weightman, Dumas, reporter; Billy Ramage, Texline, parliamentarian; and Jess Robinson, Hereford, advisor.

The meeting this year was

Beatles Are Strictly For The Teen Crowd

By Sue Smith

Why are the Beatles so popular?

Some seem to believe that these shaggy-haired vocalists are a means by which the teenagers can revolt publicly against the adult society. Others agree that teenagers are hoping to believe in something and respond to something new that they have found for themselves. Still others feel teenagers want to be more like other teens and less like adults, thus seeming offensive to adults, and more responsive to the teen group. Perhaps each analysis holds its own bit of truth.

These eccentric young Englishmen with their short jackets, Oliver hair-cuts, and native high-top shoes present a marvelous means of symbolism to the adult world by revealing a definite wall between adult taste and adolescent entertainment.

However, adolescents are a

strange society who must have the satisfaction of bringing a group from bottom to top by themselves. This thought gives them a feeling of joint ownership and makes them respond to the new group as a scientist might respond to his own invention. Thus, the Beatles more or less give the emotional teenager something to believe in.

Being a tight, restricted group, the adolescent takes pride in being included in his age group. Presenting something different and peculiar (such as the Beatles) and setting them on a pedestal as an idol, brings this teen group into a closer knit audience reveals the adults as outside non-believers or "squares."

Considering all view points, perhaps the reasons for the Beatles popularity can be summarized by saying: this vocal group has the talent, peculiarity, and "beat" that the teenagers want as well as need.

Last Resort - Go To The Lost And Found Drawer

By Rosemary Hershey

"Oh no! I have lost my..." It seems as though the students of HHS are always losing some-

thing but don't know where to find it.

The majority of things found around the school by the janitor, teachers, and students are placed in the lost-and-found drawer in the office. The objects placed in this drawer remain there unless someone claims them.

Students who are missing such things as glasses, charm, bracelet, purses, wallets, scarfs, combs, and ball-point pens may check for them in the office. Some of the unusual things in the lost-and-found drawer at this time are: a black tie, F.F.A. ring, and a gold charm in the shape of a heart, and a wrist watch, unclaimed since 1952.

"Students, when you find a library book, please take it to the library, not the lost and found," asked Mrs. Neil.

"It is amazing the things I find around the school. I don't understand how anyone can lose such things!" stated Tex Bettis, the janitor.

Students who have lost things in the past are urged to go by the office and claim them. "I wish someone would claim the thousands of items in that drawer, it is getting over-loaded and I would like to see them go!" stated Coach Brooks.

Students Leave For San Antonio Youth Meeting

By Beverly Barrett

The State-Wide Distributive Education Youth Leadership Conference will be held in San Antonio Feb. 28-29. Students entering the contests are Johnny Brownlow, Judy Crume, Ronda Neff, Larry Fuhrmann, Peggy Neff, Deborah Lee, Linda Loerwald and Glen Fuller. Students will be accompanied by the D. E. Teacher, Mr. Don Paris and his wife.

"One thousand-two hundred students will enter the competition for approximately twenty five thousand dollars in scholarships, twenty trophies and over one hundred medals," stated Mr. Paris. Three groups and six individual contests will be held, all directly related to improving the students' skills and knowledge of the field of distribution. The evening's program includes a banquet at which scholarship and contest awards will be made, climaxed by the coronation of the newly elected State Sweetheart.

During the conference the delegates will be chosen to attend the National Youth Leadership Conference which will be held in Chicago in May.

Each person will be required to pay \$15 for the expenses. The club had planned to take a bus, but because of the all-school play and solo contest that same weekend, not as many would be able to go so as to qualify for a bus.

Those students who are planning to go are the following: Bob Caraway, Dorothy Frerich, Laura Higgins, Linda Higgins, Patsy Huckert, Billy Johnson, Cindy Loerwald, and John Perrin.



AW, YOU'RE WACKY might have been the line given by Chuck, played by Paul Christman, to Penny, played by Barbara Langley. The rehearsals for "June Mad" are progressing, and the play will be presented Monday and Tuesday night, March 16 and 17, in the high school auditorium. (Photo by Gerald Leatherman)



by Melvin Young

The Home Demonstration clubs of Deaf Smith County have again picked their "outstanding" HD Club Woman, and as in the past, we think their choice was excellent.

Mrs. Jack Fortenberry, the winner for 1964, is widely known throughout Deaf Smith County, and is loved by all who know her. Her devotion to club work down through the years is unsurpassed, and she's still very active with the Bippus HD Club after having served that same club for 25 years. She has participated in HD work for over 30 years. Our congratulations go to Mrs. Fortenberry, and to the Bippus HD Club which nominated her. We would also like to extend our sincere congratulations to Mrs. A. J. Bezner; Mrs. Ray Stewart, Conservation Homemaker for 1964; and to Tommy Bezner and Joann Marnell, winners of the

Thrift, Finance Is Program Topic For 4-H Hustlers

Happy Hustlers 4-H club met Feb. 20 at the community center when Dean House, vice-president of the Hereford State Bank, spoke to the group on thrift and finance.

In his talk, House stated that budgeting is merely a projection of income and expenses.

Following the program, the skits for the Share-the-Fun festival were rehearsed.

Leaders present were Mrs. Mrs. Frank Robbins and Mrs. Floyd Cole. Members attending were Gary Cotton, Charles Atchley, Kim Gripp, Joe Smith, Bill Cole, Larry Lance, Tom McGowan, Steve Robbins, Rodney Douglas, Randy Cromer, Rodney Brooks, Oscar Williams, Rodney, Gary, and Dennis Goheen.

Refreshments were served to the group by Mrs. Atchley.

Public Speaking, Subject Matter group.

Jim Monroe dropped by to let us know that the Walcott School is planning a big open house for Sunday, March 8. The District has just completed a new building and gym, and would like to take this opportunity to show it off.

Personally, we think it would be real nice for everyone in Hereford to drive out, just as they did in 1951 when the original school building was dedicated.

After all, the road is paved all the way out now, and we don't have an excuse at all for not attending. Besides, we think it would be nice for all to see the new facility. If you haven't been out that way, we might give a few directions. However, it's quite easy to find. Just drive to the Bootleg corner and turn north on Farm-to-Market 1412. You can't miss it. The school is located approximately 25 miles west on Harrison and 7 north. As we said before, you can't miss it.

Dr. Gale Page sent us an envelope recently with this note attached. "Wouldn't you say this really fast mail service?" Yep, we'll have to agree. The postmark, from Chicago, says "March 19, 1964".

Just a month ahead.

Friday night, February 28, is the date for the big flame cultivation clinic to be held in the Bull Barn, according to John Hick. The event, sponsored by Hicks Oil and Gas will include three speakers, a film on flame cultivation and a demonstration of one of the machines. That, by the way, is also John's birthday in case anyone asks. John says he is 29 plus.

Plus how many, is the big question.

With this issue of the Brand, you will find a complete Soil and Water Conservation section that will give you hours of



CONSULTANT — Donald Ragin, (right) Dallas, building code consultant for National Lumber Manufacturing Association, spoke to member of the "Operation PEP" housing committee at a luncheon here last week. At left is John D. Pitman, chairman of the committee. (Brand Staff Photo)

fine reading if you're interested in this sort of thing. And who isn't? After all, the soil and water of our surrounding area is the life blood of this community, without which, we would probably dry-up and blow away.

Copy for the section was prepared by the boys over at the Soil Conservation Service plus contributions from the area supervisors, the various experiment stations around the area, and farmers and ranchers who have been interested in conservation over the years.

The section has been sponsored by some twenty-five advertisers who feel strongly that conservation is a necessity in this area. Both advertisers and conservationist should be commended for their interest.

Extra copies of the supplement will be available at the A woman was reporting the disappearance of her husband to the police.

"Please, she said, 'if you find him, will you tell him Mother didn't come after all?'"

The average cultured speaker of English knows no more than one out of ten words in his own language.



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Hereford Man Heads AAA Club

A Hereford man, Guy Lawrence, was named president this past week of the Panhandle Plains Automobile club in a meeting held at the Bank of the Southwest building in Amarillo. Frank Hobgood of Amarillo is vice-president, and Lloyd Laird, Amarillo, treasurer.

Directors elected were Rex Webster, Lubbock; Morris Hig-

ley, Childress; Charlie Burton, Pampa; Dr. T. M. Montgomery, and F. W. Analey, all of Amarillo.

Members of the organization are planning for their annual meeting here, "Hereford Day With the AAA", Monday at the high school auditorium, starting at 8 p.m. A special travel party is planned, Lawrence announced. Bell is a former Hereford resident.

The American motion picture was born in 1903.

Plea of Guilty Brings Sentence

A plea of guilty to giving a worthless check resulted in a sentence of one day in jail, a \$1 fine and costs, in County Judge H. C. Williams' court Friday.

Pleading guilty to giving a \$40.43 check was Hale E. Brown.

Classifieds Get Results

Roughly speaking, the total number of English words is about one million.

There are 568 elementary schools, 83 junior high schools, and 53 high schools in the city of New York.

SAMMY LANE
CUSTOM HOMES



CIOAA

In Texas as of January 1, more 1964 Imperials had been sold than were delivered during the first 6 months of Imperial's 1963 model year. Eloquent testimony that fine-car buyers are turning to Imperial in unprecedented numbers this year.

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GARCIA NEWS

Walcott Schools Set Open House

by Mrs. S. N. Thweatt
Walcott school, along with the rest of Texas, will observe Texas Public School week March 2-6, it was announced this week by Thomas L. Collins, Principal. Collins invites the public, and especially parents of Walcott pupils, to visit the school during the week. Displays of pupils' work will be a feature.

Walcott P-T-O had Christa Hazel Gray of Austria; Tuule Lehti of Finland, and Sergio Bravo of Chile as guests Feb. 21.

Mrs. Bill White was program chairman and Mrs. Harold Bass presided. Each pupil presented colored slides of their native lands and told of life in their countries.

School Principal Thomas L. Collins, told about plans for Texas Public School Week and Jim Monroe, president of the school board, announced there will be an open house Sunday, Mar. 8, for the new auditorium-cafeteria.

The program chairman said the next meeting will feature a program by school children instead of 4-H declamations as planned.

Husbands who work in the kitchen the night of the meeting will sweep the floor and push away the chairs, it was announced.

Collins introduced Mr. and Mrs. Kiser the new custodian and cook; Mrs. Jim Monroe

asked for the choir robes that had been made to be turned in and also called for volunteers to make additional robes.

Next meeting will be March 20. Kitchen chairmen will be Mrs. Joe Ramos and Mrs. R. R. Hammock; third and fourth grades, Mrs. Beatram Jack, Mrs. Joe Merrill and Mrs. Wayne Bask; fifth and sixth grades, Mrs. Earnest Brown, Mrs. W. E. Tyler, Mrs. Jim Monroe and Mrs. J. V. Perrin; seventh and eighth grades, Mrs. Jack Weaver, Mrs. Norman Minks and Mrs. G. V. Hall.

Four teachers will present "Those Who Mourn" for the school's first all-school program will be given for the Easter P-TA meeting in March.

Bruce N. Collins is doing a six-weeks' practice teaching session in Broomfield, Colo., High School. He is teaching courses in biological science.

Collins is a graduate student at Colorado State University, Fort Collins.

New residents in the community are Mr. and Mrs. W. J. Walker, Helen, William and Thomas Dimmitt; Mr. and Mrs.



RATTLESNAKE RODEO — Ken Gardner, left, President of the Lubbock Jaycees, and Ron Dexter, right, First Vice-President, look on (but not too close) as D. M. Durham, veteran rattlesnake hunter from Lubbock, displays a 5-foot rattle. Ken and Ron agree to help with the Lubbock Jaycee-sponsored South Plains Rattlesnake Rodeo provided they do not have to work in the snake pit which will contain 5000 or more such critters as "Pete", the rattlesnake held by Durham. The Rattlesnake Rodeo will be at the Lubbock Municipal Coliseum March 7 and 8. All rattlesnake hunters are invited to bring their snakes to the Rodeo to compete for the prizes. The public is invited to see the demonstrations and displays.

Mike Gonzales, Manuel, Eudelia, Candido, Mike Junior, and Helen, all from Lubbock; Mr. and Mrs. Bobby Johnson, Lubbock; Debra Beavers, Jackie Lightfoot, and Beverly Lightfoot; Mr. and Mrs. Grady Manley and Linda Gayle, who moved here from Hereford.

N. A. Brown has been dismissed from Deaf Smith County hospital after a three-day stay,

suffering from a heart ailment. He is slowly improving at home.

Mrs. Ruth Coleman remained in Deaf Smith County Hospital, but hopes to return home this week.

Mr. and Mrs. S. N. Thweatt made a business trip to Amarillo last Friday and enroute home stopped at the Deaf Smith County hospital to visit N. A. Brown and Mrs. Ruth Coleman.

Sergio Bravo, Hereford's exchange student from Chile, spent Friday night with Davie Sorrells, Mr. and Mrs. W. T. Kiser,

Foreign Pupils Give Program For Study Club

Guest speakers for the Hereford Study Club meeting Feb. 20 were Christa Holz, exchange student from Austria, and Tuula Lehti, student from Finland.

Miss Lehti described the steam bath, or sauna, which is such an important part of living in Finland. In the bath house great quantities of steam are made by pouring cold water over stones heated to a very high temperature. People sit on wooden benches in the steam drenched bath houses, whipping themselves with bundles of twigs. When well-steamed, they take a cold shower, rush into the icy waters of a nearby pond, or roll in snow.

Wearing the native costume of Austria, Miss Holz noted that while life in Hereford seems greatly centered around club activities, family activities are the center of interest in her country.

The meeting was held in First National Bank, with Mrs. Walter Hodges Jr. as hostess. Presiding officer was Mrs. C. R. Winget. Other members present were Mrs. Labry Ballard, Mrs. O.R. Wiley, Mrs. T. W. Braddy, Mrs. Dick Gholson, Mrs. Baxter London, Mrs. Garland Solomon, Mrs. Maurice Tannahill, Mrs. J. W. Witherspoon, and Mrs. R. N. Yarbro. Miss Babs Gholson was a visitor.

There are 2,314,501 members of religious denominations in New York.

The Board of High Education consists of the president of the Board of Education and 21 citizens appointed for nine year terms.

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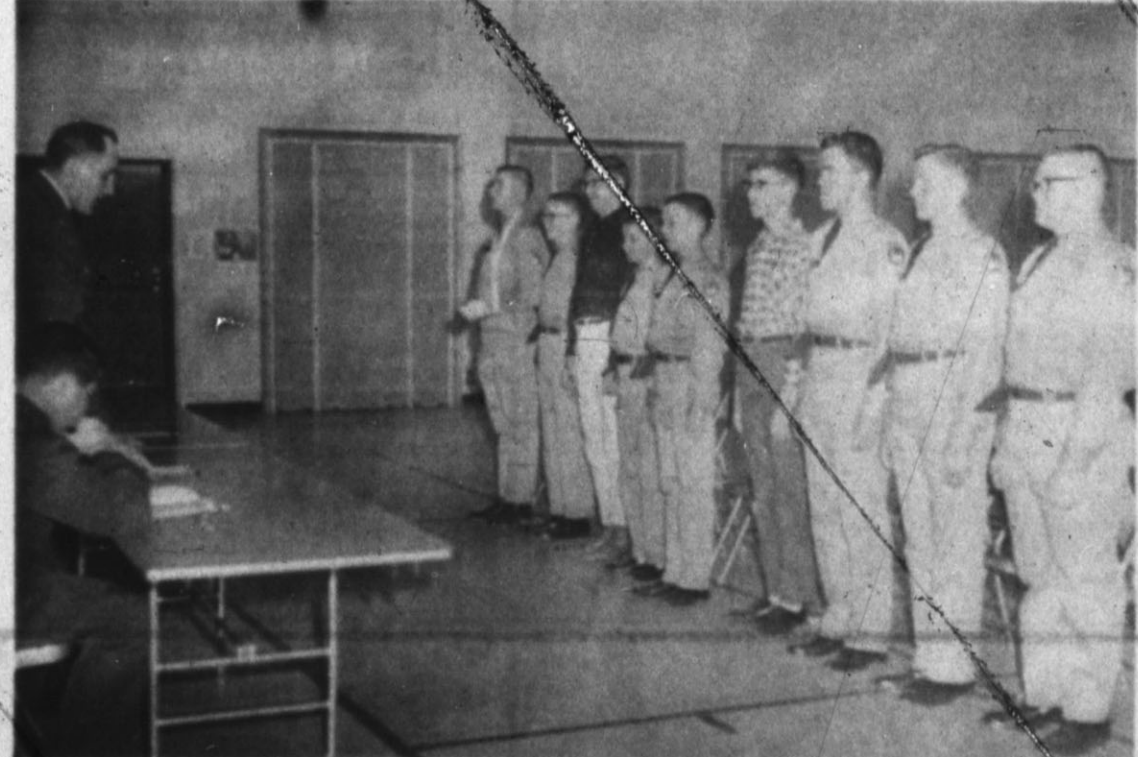
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PLACE 4
Your Support Will Be Greatly Appreciated
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GRADUATION — These cadets graduated from Cadet basic training to Cadet Airmen 3rd Class recently. Cadets are, from left to right, Larry Saul, Galen Evans, Larry Tackett, Ren Lee, Don Hair, James Combs, Jim Owen, Ray Oglesby, and Danny Kemp. Special awards went to Jim Owen, who received his solo ribbon, and also Galen Evans, who received the recruiting award. The group was addressed by Major O. G. Minden, Commander of Group I Civil Air Patrol, headquarters in Amarillo. (Bradly Photo)

LEAP YEAR SALE --- SAT., FEB. 29th ONLY

Lucky Persons born this day will receive 29% off on all items purchased. (Please bring proof of birthdate.) Also — with every \$2.00 worth of merchandise purchased 29c will be returned. All final readings on cash register showing "29" will entitle purchaser an extra 29c. (Excludes Cigarettes, please.)

And Look At These Specials!

Pepto Bismol	12 Ozs.	Regular \$1.39	Now 90c
Hydrogen Peroxide	Parke-Davis—3 Vol.	all sizes	40% Off
Paladac	Vitamins and Minerals	Bottle of 100	Regular \$3.75 \$2.29
Vi Terra Tastitabs	Vitamins	5 Flavors	Reg. \$3.59 \$2.09
Choice - Tex Tissue	Reg. 4 rolls at 49c	Now	4 rolls 29c
Worthmore Bubble Bath	Reg. 99c	Now	70c
Cleansing Cream	Dorothy Gray		1/2 Price
Satura Hormone Cream	Dorothy Gray		1/2 Price
Lipsticks	Dorothy Gray		2 for \$1.00
Tussy — Lotion	1/2 Price	Tussy Moisture Cream	1/2 Price
Wind and Weather	1/2 Price	Toys	1/3 Off
		Cigarettes	29c

FOUNTAIN SPECIAL
Any 30c Sandwich and 15c Drink **Both For 29c**

ROGERS DRUG

Anthony's FEB. 29 LEAP YEAR SALE

YOU WON'T SEE A SALE LIKE IT FOR ANOTHER FOUR YEARS!

FEB. 29th SPECIAL Ladies Canvas FOOTWEAR Oxfords Red Black White \$2.29	FEB. 29th SPECIAL ASSORTMENT COTTON PIECE GOODS Yd. 29c	Men's Raglan Sleeve SWEAT SHIRTS \$1.29 Rib knit collar, cuffs and waistband, extra warm, well made for long wear. Assorted colors, Sizes small, medium, large and extra large. Bargain priced while they last.
FEB. 29th SPECIAL GROUP — BOY'S LONG SLEEVE SPORT SHIRTS Dark Colors Sizes 4-6 ONLY \$1.29	FEB. 29th SPECIAL THROW RUGS \$1.29	FEB. 29th SPECIAL MEN'S SPORT SHIRTS Long Sleeve Med. & Large Sizes. Reg. 5.00 \$3.29
FEB. 29th SPECIAL GIRL'S CORDUROY SLIM JIMS Solid Colors and Prints \$1.29	FEB. 29th SPECIAL LADIES' COTTON HOUSE DRESSES Reg. & Half Sizes \$2.29	FEB. 29th SPECIAL MEN'S SPORT SHIRTS Special Lot Men's & Boy's \$4.29
FEB. 29th SPECIAL BLOUSES AND CAPRIS Knobby weave cotton capris with back zip and roll-up sleeve blouses in prints, checks, stripes and solid colors. Assorted colors. Capris size 10-18, blouses 30-38. Take your choice. 2 GARMENTS FOR \$3	FEB. 29th SPECIAL LADIES' COTTON JEANS Broken Group \$1.29	FEB. 29th SPECIAL DRESS SHOES \$4.29
	FEB. 29th SPECIAL 9 ONLY — BOY'S SPORT COAT 4 to 16 \$3.29	FEB. 29th SPECIAL MEN'S SUITS Group \$20.29
	FEB. 29th SPECIAL LADIES' TAILORED Cotton Pajamas \$2.44	FEB. 29th SPECIAL MEN'S WESTERN SHIRTS Group Broken Sizes And Staples \$2.29

FOR GOD SO LOVED THE WORLD

Fellowship Baptist Church

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Oda Fellow Hall
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Rev. Kenneth Irwin, Pastor
Sunday School is held at 9:45 a.m. each Sunday, followed by Worship Services at 11:00 a.m. Evening Service at 7:45 p.m. Mid-week prayer Service, Wed. 7:30 p.m.
For transportation, call EM-3101.

Immanuel Lutheran Church

Park Ave. & B Street
Hereford, Texas
Fred Beversdorf, Pastor
Feb. 23, Sunday
8:30 a.m. Friona Worship
9:15 a.m. Call to Worship
KPAN
9:45 a.m. Sunday School & Bible Class
11:00 a.m. Worship
1:15 p.m. The Lutheran Hour
KPAN
—:00 p.m. Missions & Evangelism Committees
Feb. 24, Monday
4:15 p.m. Ladies Bible Class
Feb. 25 Tuesday
10:00 a.m. Circuit Conference in
Feb. 26 Wednesday
4:15 p.m. Cub & Boy Scout
7:30 p.m. Lenten Service
Feb. 27 Thursday
7:30 p.m. Lenten-Service in Fri.
Feb. 29 Saturday
2:30 p.m. Visitation
Seventh Day adventists.

"Christ in the Psalms", is the subject for daily lesson study and class discussion Sabbath Feb. 29.

Memory verse: Luke 24:44
Study Helps: "The Desire of Lesson Aim: To observe the Messianic content of some of the Psalms, which reveal certain offices, sufferings and ultimate triumph of Messiah.

Lesson outline:
1. The Sonship of King Messiah. Ps. 2:38 - Acts 4:25-27
2. The sufferings of Messiah. Ps. 22:1-18; Matt. 27:31-46
3. Messiah as Priest-King. Ps. 110:1-4; Matt. 22:42-45
4. Some favorite Figures of our Lord. Ps. 23:1; John 10:11

Services:
Sabbath School 9:45 a.m. Sat. Worship Service 11 a.m. Sat. Location - West Park Addition.

Thompson Memorial Mexican Baptist Mission

TEMPLO BAUTISTA MEMORIAL
Alex. O. Thompson Memorial
215 Mission Street
Guillermo Enrique Benitez, Ministro
LA SEMANA QUE VIENE
Domingo 1:
Escuela Biblica 9:45 a.m.
Leccion: Jesus en el Hogar
Culto de Adoracion 11:00 a.m.
Sermon: "Para el Bien de los Que Aman a Dios" Texto: 1 Juan 5:2
Union de Preparacion 7:00 p.m.
Topico: Lo Que Creemos Acerca de la Expiacion.
Culto de Predicacion 8:00 p.m.
Sermon: "Por Que Nos Ha Venido Este Mal?" (Tercer Sermon sobre el Profeta Jonas)

Lunes 2:
Programa de Radio en KPAN, 860 kc. a las 6:15 p.m.
Mensaje:
Bienaventuranzas de los Hijos de Dios
Culto de Oracion 7:30 p.m.
Miércoles 4:
Culto de Oracion 8:00 p.m.
Rayitos de Sol 8:00 p.m.
Jueves 5:
Culto de Oracion 7:30 p.m.
Viernes 6:
Cultos de Oracion 7:30 p.m.
Sabado 7:
Reunion de la Juventud (Festival de Coros)
El Bus sale a las 6:15 p.m.

Wesley Methodist Church

416 Irving
Rev. Cleby Patterson, Pastor
Sunday School, 9:45 a.m.; Sunday Morning Worship, 10:55 a.m.; Sunday Evening Worship, 5:30 p.m.; MYF, 6:30 p.m.; Primary Fellowship, 6:30 p.m. Choir Rehearsal, 6:30 p.m.
Bible Study: Wednesdays, 7:30 p.m.;
W S C S 2nd and 4th Mondays, 3:00 p.m.;
Methodist Men, 1st Saturdays, 6:30 a.m.
Commission on Membership and Evangelism: 4th Mondays, 7:30 p.m.
Commission on Education, last Thursday each month, 7:30 p.m.
Official Board, 1st Monday, 7:30 p.m.
Saturday, February 1: The choir will have a party at the home of Mrs. Merlin Kaul for sandwiches, pie and singing.



"I Shall Keep This Lent"

"LENT" means springtime. It is an old Latin word which means a forty day fasting period next before Easter. It begins with Ash Wednesday and continues till Easter; exclusive of Sundays.

It is a time for the conditioning of our soil . . . a time for our Souls to become penitent. It simply means that it is spading up time, the season for planting seeds and for setting blooming trees.

In the realm of the spirit it is a call to get ready for the season of beauty and goodness.

Who amongst us is satisfied with what he is or what he has been? Then let us qualify for the Lenten Season. Let us clear away the rubbish of last year's crop, cut under the old stalks. May we learn from our Lord to give ourselves to good conditioning during Lent. The miracle of Lent is genuine repentance which leads to Newness of Life. A Sainly Keeper of Lent said it well when he spoke the words, "I shall keep this Lent, and hope to refresh my Soul." Amen



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CONSUMER'S FUEL ASS'N

First Methodist Church

501 North Main
Rev. Herschel L. Thurston, Pastor
Sunday March 1, Sunday School, 9:45 a.m.; Morning Worship, 10:55; Junior High and Senior High Fellowship Dinner, 5:45 p.m.; Junior High ad Senior High MYF, 6:15 p.m.; Worship Service, 7 p.m.
Tuesday Mar. 3rd, Women's Society of Christian Service Prayer Group, 8 p.m.
Wed. Mar. 4th, Junior High Prayer Group
Thurs. Senior High Prayer Group.

Seventh Day Adventist Church

West Park Addition
ELDER JAMES MEADE, PASTOR
"Redemption in the Historical Books, Joshua and Ruth," is the subject for daily lesson study and class discussion for Sabbath Feb. 22.
Memory verse: Joshua 24:15.
Study helps: "Patriarchs and Prophets," pages 481-488.
Lesson aim: To observe the guiding hand of our God over His people.
Lesson outline: 1. The preparation for conquest, Joshua 1:2-5, Deut. 34:9; 2. The Captain of the Host, Joshua 5:13-15; 3. The Law of the Kinsman, Ruth 1:1-16, 2:1; 4. The Kinsman redeemer, Ruth 4:1-15, Acts 20:28.
Services: Sabbath School, 9:45 a.m. Saturday, Worship Service 11 a.m.

Frio Baptist Church

Rev. G. W. Fine, Pastor
Sunday School is held at 10 a.m. each Sunday followed by Worship Services at 11 a.m. Training Union is held at 6:30 p.m. Sunday and Evening Worship Services begin at 7:30 p.m. On Wednesday, a Prayer Service is held at 8 p.m.

San Antonio A La Iglesia

North 25 Mile Avenue and Highway
Vd. Es Catolico? Pues, Tiene La Obligacion De Asistir A La Santa Misa Todos Los Domingos!
Horas De Misas En Los Domingos: 6:30 a.m.; 8 a.m.; 10 a.m. y 8 p.m.
Durante La Semana: 6:30 a.m. ages and devotional services at 7:30 p.m. Wednesday.

The Church Of God In Christ

Rev. Calvin Hodge, Pastor
115 West Norton
Sunday School 9:45 a.m.; Morning Worship 11 a.m.; Evening Worship 8 p.m.
Monday, Bible Band meets 7 p.m.
Wednesday, Prayer Meeting 8 p.m.

First Presbyterian Church

616 Lee Street
Rev. Russell Wingert, Pastor
Sunday School is held each Sunday at 9:45 a.m. followed by worship service at 11 a.m. Morning Devotional at 9 a.m. Tuesday.
Choir Rehearsal, 8 p.m. Wednesday. Prayer meeting Friday at 7:30 p.m.

Church Of God

11 and 13th Street
Rev. W. A. Gray
Sunday School will begin at 10 a.m. Worship service is at 11 a.m. Sunday evening worship begins at 7:30 p.m.
Wednesday - Prayer Service, 7:30 p.m.
Friday - Young People's Endeavor, 7:30 p.m.
"Bring your burden and carry away a smile."
"The Church that is large enough to serve you and small enough to know you."
For transportation call EM 4-3808.

Iglesia De Cristo

BIENVENIDOS a los Servicios en la IGLESIA DE CRISTO, en ESPANOL. Ubicado en SUNSET & PLAINS. Hora de servicios en Espanol Domingo, 11 A. M. Miércoles, 7:30 P. M.; en Ingles, Viernes, 7:30 P. M.; en Ingles. La entrada es por el lado SU-RESTE Del Edificio

(Continued on page 5)

CHURCH...

(Continued from Page 4)

Church Of Jesus Christ of Latter Day Saints (Mormon)
EM 4-1905

The Mormon Church meets in Gilliland Funeral Home, Sunday School, 10 a. m. Sunday, Sacrament Meeting, 11 a. m. Sunday.

Avenue Baptist Church
Rev. Clarence F. Powell, Pastor

Sunday School is held at 9:45 a. m.; Worship Service at 11 a. m.; Training Union, 7 p. m.; Evening Worship Service, 8 p. m.; Wednesday Evening Prayer Service, 7:30 p. m.

Grace Gospel Church

Rev. H. V. Fields, Pastor
Thirteenth and Avenue K
Sunday School is at 9:45 a. m. and worship services convene at 11 a. m.
Bible Study is held each Sunday at 7 p. m. and preaching service at 8 p. m.
Wednesday prayer meeting held at 8 p. m.

Temple Baptist Church

Rev. Bill Ware, Pastor
Forrest Ave. and Ave. K
Sunday: Sunday School, 9:45 a. m.; Morning Worship, 11 a. m.; Training Union, 6:30 p. m.; Evening Worship, 7:30 p. m.
Tuesday: Beginner Sunbeams, 9:30 a. m.; Primary Sunbeams, Junior Girls Auxiliary, and Intermediate Girls Auxiliary, 4 p. m.
Wednesday: Prayer Meeting, 7:30 a. m.; Choir Rehearsal, 8:15 p. m.

Park Ave. Church Of Christ

On Harrison Highway
Worship Services 10:30 a. m. Sunday, Prayer meeting 7 p. m. Wednesday.

Jehovah's Witnesses Church

317 Ave. I
Sunday: Public Bible Lecture, Study, 4:15 p. m.
Tuesday: Congregation Bible Study, 8 p. m.
Friday: Service Meeting, 7:30 p. m.; Theocratic Ministry.

St. Anthony's Church

Harrison Highway at 25 Mile Ave.
Father Angelus, Pastor
Sunday Masses at 6:30 a. m., 8 a. m., and 10 a. m.
Sunday evening mass at 8 p. m.
Daily mass at 6:30 a. m. and 11 a. m. during school year. Tuesday evening mass at 8 p. m.
First Friday Masses at 6 a. m., 11 a. m. during school year, and 8 p. m.
First Saturday Masses at 6 a. m., 8 a. m.
Holy Day Obligation Masses at 6 a. m., 8 a. m., and 8 p. m.
Confessions are Tuesday at 12 noon - 1 p. m. during school year and 3 p. m.; Thursday, 12 - 1 p. m. during school and 8 - 9 p. m. before First Friday; Saturday, 4-5 p. m., 8 - 9 p. m.; Sunday, 7:30 a. m.
Baptisms at 4 p. m. Sunday. Any other time by calling Rectory.

St. Thomas Episcopal Church

Rev. Joel C. Treadwell, Vicar
Harrison Highway
Vicarsage, 113 Elm Street
Sunday: Holy Communion, 8 a. m.; Sunday School, 10 a. m.; Morning Prayer and Sermon, 11 a. m.; Youth Fellowship, 7 p. m.
Wednesday: Holy Communion, 10 a. m.
The Bishop's Committee meets the first Sunday of each month immediately following morning worship.
Women's Day Guild meets the second Tuesday of each month at 2 p. m. at the church.
Women's Night Guild meets the second Thursday of each month at 7:30 p. m. at the church.

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**Templo el Calvario
Asamblea de Dios**

Pastor, Martin Musquiz
Buenos dias.
Calle Ave. H & 13th.
Las servicios durante la semana y el Domingo.
Como siguen: 7:30 de la noche Martes, Jueves.
Domingo, 10 de la mañana, escuela dominical, a las 11:30 predicacion.

**Mission De San Jose
LABOR CAMP**

El Domingo es el dia del Señor. Tenemos que adorarlo. No hay mejor modo que la Santa Misa: El sacrificio de Calvario.
Horas de Misas los Domingos: 8 a. m.; 10 a. m.; 8 p. m.
Bautismos despues de la misa de las 10 a. m.

Bippus Community Church

Eugene L. Naugle each first and third Sunday and R. D. Evans each second and fourth Sunday.
Sunday School is at 10 a. m. every Sunday and Preaching is at 11 a. m. and 7 p. m. All Day Singing each Fifth Sunday.

Central Church Of Christ

L. E. Fooks, Minister
Marvin Crowson, Minister
Sunday Services: Bible Study, 9:30 a. m.; Morning Worship, 10:25 a. m.; Evening Worship, 6 p. m.
Mid-Week Services: Ladies Bible Study, 10 a. m. Wednesday; Mid-Week Classes for all.

First Christian Church

Rev. Eugene Brink - Pastor
West Park Avenue
Sunday School is held at 9:30 a. m.; Worship service will begin at 10:50 a. m.
Chi - Rho and CYF meets at 6 p. m. Sundays and vesper services are at 7 p. m.
Functional Departments first Wednesday at 8 p. m.
General Church Board, second Wednesday at 8 p. m.

Assembly Of God Church

Union and Ave. G
Rev. V. W. Marcontell, Pastor
Sunday School is held at 9:45 a. m. Morning worship service convenes at 11 a. m.
C. A. service begins at 7 p. m. Junior C. A.'s meet at 6 p. m. and worship service begins at 8 p. m. each Sunday evening.
Prayer meeting and Bible Study will be held Wednesday at 8 p. m.

Westway Baptist Church

Rev. Kenneth Lowry, Pastor
Sunday School is held at 10 a. m. with Church Services following at 11 a. m. Training Union is held at 7:00 p. m. and Evening Services on Sunday begin at 8:00 p. m.
The Wednesday night Prayer Meeting in the Church is held at 7:30 p. m.

First Baptist Church

Rev. B. L. Davis, Pastor
Fifth and Main Streets
Sunday: Sunday School, 9:45 a. m.; Morning Worship, 10:55 a. m.; Training Union, 6:30 p. m.; Evening Worship, 6:55 p. m.
Wednesday: Sunday School teachers and officers meeting, 7 p. m.; Mid-Week Prayer Service, 7:45 p. m.; Church Choir rehearsal, 8:30 p. m. Junior GA's, Intermediate GA's, Young Women's Auxiliary Crusader RA's and Pioneer RA's meet at 7 p. m. WMS visitation, first Wednesday, 9:30 a. m.; WMS luncheon and business meeting, second Wednesday, 12 noon; WMU circle meetings, fourth Wednesday, 9:30 a. m. or 3 p. m. WMU night circle meeting, second Thursday, 4 p. m.
Nursery is provided for all church-wide activities.
Sunday morning worship services broadcast over KPAN. Listen to the "Baptist Hour" at 8 a. m. Sunday over KPAN.

Iglesia Metodista San Pablo

223 Kibbe street
Rev. Gilbert Diaz, Pastor
Los Servicios de nuestra nueva Iglesia. Según de la Siguen: manera los Domingos y los dias de la semana, Escuela Dominical, a las 10 a. m.; Servicio de Adoracion, a las 11 a. m.; Domingo en la noche Predicacion 7 p. m.; Los jueves Servicio de oracion 7 p. m.

Church Of The Nazarene

Fourth and Jackson
Rev. Burl M. DeBord, Pastor
EM 4-1375
Sunday School is held at 10 a. m.; Worship Service at 11 a. m.; Junior and Youth Services at 6:15 p. m. Evening Service at 7 p. m.
Prayer meeting/Wednesday will begin at 7 p. m.
The first Wednesday of each month a Missionary meeting is held at 7 p. m.

Masonic Home Residents Talk To Local Groups

Hereford Masons and Eastern Star members entertained with a George Washington birthday party dinner last Saturday night, an annual affair of the local organizations.
Special guests were two girls from the Masonic Home in Fort Worth, Eileen Campbell and Cheryl Coleman. Other guests were Masons and their wives, and Eastern Star members and their husbands.
W. C. Hromas, Worthy Patron of Eastern Star, extended

Gibson Earns President's Club Position

Wilbur Gibson of Hereford has earned membership in the President's Club, top honor sales organization at Great American of Dallas Insurance Companies. He achieved the honor as a result of his outstanding sales record in 1963, according to Glen Wallace, CLU, vice-president and he ranked in the top 20 high producers for 1963 among Great American's entire sales force.
Gibson resides at 209 Western in Hereford. He is affiliated with the companies' Amarillo Branch. Office which earned agency of the year honors this year for the fifth consecutive year.

Mt. Sinai Baptist Church

302 Knight St.
Sunday Services are Sunday School, 10 a. m.; Morning Worship Services, 11 a. m.; Evening Worship Services, 7:30 p. m.
Mid-week Prayer Service is held at 7:45 p. m. Wednesday. Choir Rehearsal is held at 8 p. m. on Thursday. A teachers Meeting is held at 7 p. m. on Friday.

the welcome, and Mrs. Charlie Nolan introduced the girls and presented each with a "money" corsage. Cheryl told of life in the Home, and Eileen spoke on George Washington, the Mason. Benediction was said by the Rev. Herschel L. Thursday.

That afternoon, Mrs. Nolan gave a "coke" party at her home Saturday afternoon, honoring the girls.
Those attending were these line officers of the Order of Rainbow for Girls: Joe Frances Deavenport, Worthy Associate Advisor; Ann Mercer, Charity; Denise King, Hope, and Judy Summers, Faith. Others attending were the Mother Advisor, Mrs. James Mercer, and the

following past Worthy Advisors: LaReece Askew, Patti Roach and Janie Nolan. Miss Nolan is now serving as Grand Nature for the State of Texas.

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Too much togetherness?
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Swamped by car repair bills?
Wondering what's going wrong next? Rugged Ramblers are famed for trouble-free operation and they are the most rustproofed cars built!



Shaken by rattles?
Stuck with a rattler? Get a new Rambler with Advanced Unit Construction—solidest, most squeak- and rattle-free yet devised.

Get real driving pleasure—get a Rambler Classic

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No. 1 in compact-car sales **RAMBLER 6 or V8** No. 1 in usefulness to the user

KINSEY-OSBORN MOTORS, INC. 142 N. MILES

READER'S DIGEST SUBSCRIBERS: You may already have won in Rambler's \$3,000,000 "Surprise Party." See page 180 in the February issue of Reader's Digest.

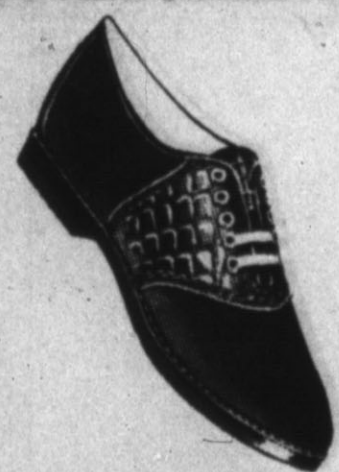
Penneys LEAP YEAR BARGAINS
Only Once in four years . . . SATURDAY ONLY!
Open 9 A.M. Sharp till 8:30 P.M.



DRESS SPECIAL 1.29

Wash 'n Wear Fresh Style Collections. Two piece jacket dresses! Bottom front styles too. Sporty Gathered Skirts! They'll go fast . . . hurry!

REDUCED



For This Event GIRLS

PENTRED* SOLES GUARANTEED FOR WEAR! 3.29

Nylon velvet uppers, with simulated alligator trim! Pentred* poly-vinyl heel and sole!



SPECIAL BUY ON PRE-FOLDED GAUZE DIAPERS! 2 1-ounce packs 3.88

Medium weight gauze diapers . . . pre-folded for your convenient Quality fabric that's kind to baby's skin! Fits all sizes too!



DUSTERS OF AVRIL* RAYON 'N COTTON! 10 to 12 \$2

Prettiest idea on how to relax! Just slip into our comfy Avril* rayon 'n cotton dusters! Softly flared! Handy pockets! Newest prints!

LEAP YEAR BONUS DAY SPECIALS . . . SAT. ONLY

1 Group Better **Piece Goods**
Reduced For This Event **29¢ Yd.**

Men's Briefs and "T" Shirts
Broken Sizes **2 For 99¢**
Boy's Briefs & T Shirts **3 for 99¢**

100% Washable Cotton **Toddler's Crawlers**
Most all **3 For 2.77**
Sizes 1/2 to 4
Spring Colors.

Women's **Better Dresses \$2 \$4 \$6 \$8**
Repriced For This Event

1 Rack Better **Women's Skirts**
Reduced For This Event **3.29 ea.**

Super Size 100% **Kapok Pillows**
with Corded Edges **each \$2**

Women's **Cossack Booties**
Vinyl Upper & Rubber Sole **1.50 Pr.**

Women's Windbonnets & **Head Scarves**
New Assortment Just Arrived beautiful Prints. **50¢**



POLO SHIRTS OF COMBED COTTON!

size 8 to 12 **2 for \$1**
Rugged 100% combed cotton gives Jr. Boys longer wearing comfort! In short sleeve crewneck style and wanted colors 'n patterns! Save now!



TEFLON* IRONING PAD COVER SET! \$1
Study for longer use, contour-fit cushioned surface makes ironing easier . . . quicker! Repels scorch 'n' stain! Wipes clean in a jiff!

Bedsread and Blanket Spectacular . . . \$5
Women's Nylon Tykot Gowns only a few 2.88
Women's Plain Seam Nylons . . . 49¢ Pr.
Generous Size Flour Squares . . . 5 for \$1

Delta Xi Chapter Meets In Friona

"Implementing American Culture into Creative Leadership for Our Youth" was the theme for the program of the Delta Xi meeting Saturday, Feb. 15, in Friona. Mrs. Fritz Christman was program chairman.

Miss Bernice Littlepage, Dimmitt, presented a panel of high school students who discussed leadership training through committees and club work and assimilation of the American heritage through the home, the school, and the church.

Leadership training on the athletic field, in the church pro-

gram, and through such organizations as FHA and FTA were explored by panel members. "Public relations," they concluded, "is a skill that is also developed by belonging to these organizations."

Panel members were Linda Davis, Pat Moran, Aileen Reid, Phoebe Strother, Dennis Clever, Linda McColum, and Mechelle Berteneau, exchange student attending Dimmitt High School.

Kathy Gollehon, accompanied by Mrs. Faun Walker, sang "God Bless America" and "This is My Country". Mrs. Merlin Kaul led the group as they sang several songs. Mrs. Walker accompanied the group.

The business session was under the direction of the president, Miss Della Stagner. The treasurer's report was given, and the research and publicity committee requested members to bring their pictures to the next meeting. The scholarship and finance committee termed the white elephant sale a success.

The Friona teachers were hostesses for the meeting. Mrs. Pearl McLean was chairman. Special guests were Miss Berteneau and Miss Nancy Crawford.

Members from Hereford attending were Mrs. L. C. Thomas, Mrs. Jim Bookout, Mrs. Caudie Ola Brown, Mrs. Fritz Christman, Mrs. H. V. Craw-



INSTALLS WATER HEATER — W. C. Brewer heater was contributed to Campfire by the completes installation of new 30 gallon Hereford Rotary Club. water heater for Campfire Girls hut. The

Courthouse Records

Vehicle Registrations

Mrs. Betty Turpin, 1963 Ford; George R. Jowell IV, 1962 Ford; Don B. Feller, 1961 Rambler station wagon; Larry Rawls, 1964 Chevrolet; Richard Connally Jr., 1956 Ford; Robert L. Gark, 1961 Volkswagen; W. C. Hromas, 1964 Buick; Playhouse Skating House, 1964 Rambler; R. W. Hobbs, 1958 Ford, 2-14.

H. C. Williams, 1964 GMC pickup; Carl Kropff, 1955 International pickup; Paulina Kropff, 1958 Plymouth; Burke Inman, 1961 INC truck; Fort Wayne Leasing Co., 1964 GMC pickup and 1964 GMC pickup; Tommy Byrd, 1940 Ford; John Torbit, 1956 Ford pickup; LeRoy Smithers, 1958 Maverick truck; Jim Monroe, 1963 Oldsmobile; H. M. Boozer, 1960 Oldsmobile and 1962 Oldsmobile; Don Walser, 1960 Chevrolet; D. L. Welty, 1959 Ford pickup; R. L. Layman, 1963 Chevrolet pickup; Leon Vogler, 1961 Chevrolet; Manuel Villareal, 1956 Ford truck; Keith Battey, 1957 Ford pickup; Tommie K. Robinson, 1960 Buick;

Paul Villarreal, Jody Treadwell, Clifford Rose, Steve Lyons, and Steve Easley. David and Gary Hicks both received a gold and silver arrow point, and Teddy Seyfert and Randy Cromer each received a silver arrow point. One year membership awards went to Teddy Seyfert and Randy Cromer. Jody Treadwell received the dinner bar and Clifford Rose received the assistant dinner bar.

The Hereford Brand, Hereford Texas, Thursday, Feb. 27, 1964

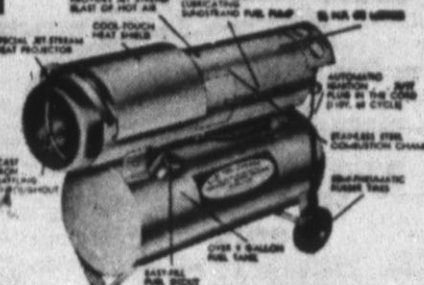
Guy Walser, 1964 Buick; Arthur H. W. Baxter, 1955 Ford; Roberta Blackburn, 1964 Rambler; W. G. Dailey, 1955 Ford; Luis Leafman, 1964 Pontiac. (Continued on page 7)

ELECTRO-JUNIOR M-740 PORTABLE HEATER

ONE FREE DEMONSTRATION WILL CONVINCE YOU YOU CAN'T BUY A BETTER LOW COST MULTI-PURPOSE HEATER

- SAFE 105,000 BTU
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- COMPARE 900 CFM

Hundreds of uses for this low-cost, portable heater—farmers, contractors, the automotive and aircraft industries. Electro-Junior M-740 for instant heat "where and when you need it". Ideal for rental service. The M-740 is specially designed to deliver clean, efficient heat instantly.



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Complete Pouring & Finish Work
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Cubs Receive Awards at Blue, Gold Banquet
Cub scouts in pack 52 received awards at their annual blue and gold banquet which was held Friday night in the lounge of the Community Center. The Pack's cubmaster is Oliver Streu, and it sponsored by the

ON DEAN'S HONOR ROLL
Kathy Knox, daughter of Mr. and Mrs. Stan Knox, has made the Dean's Honor Roll at Abilene Christian College. Miss Knox, a freshman, is a 1963 graduate of Hereford High School.

men's class of the First Christian Church. Den mothers are Mrs. M.D. Henson and Mrs. Chick Hicks. Assistant den mother is Mrs. Austin Rose Jr. Cubs who received awards were: (Den one) Terry Kearns, bobcat; Dandy Fuston, wolf; Jimmy Henson, silver arrow point; Donny Wilson, silver arrow point; Jerry Baber, gold arrow point; Dwain Dairson, silver arrow point; and Gerald Marnell, silver arrow point. In Den Three, Teddy Seyfert and Randy Cromer received bear awards, and wolf awards went to



Winter-formula Enco Extra gasoline (left) fires instantly at -40°F. Gasoline not specially prepared for winter use (right) refuses to ignite. Winter Formula makes a big difference in your engine, too, at 40 below or 40 above.



BURNS ON ICE AT 40° BELOW ZERO — Winter-formula Enco Extra gasoline is tested in cold chambers at temperatures your engine will never reach. And it's tested under practically every driving condition you will face this winter. That's why we can promise you easier starting, faster warm-up, longer mileage and better all-round performance with Winter-formula Enco Extra. Fill up at the Enco sign of *Happy Motoring!*

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We're the men with the big **5/50** warranty!

CHRYSLER'S 5-YEAR/50,000-MILE WARRANTY WITH THIS COVERAGE: Chrysler Corporation warrants, for 5 years or 50,000 miles, whichever comes first, against defects in materials and workmanship and will replace or repair at a Chrysler Motors Corporation Authorized Dealer's place of business, the engine block, head and internal parts, intake manifold, water pump, transmission case and internal parts (excluding manual clutch), torque converter, drive shaft, universal joints, rear axle and differential, and rear wheel bearings of its 1964 automobiles, provided the owner has the engine oil changed every 2 months or 4,000 miles, whichever comes first, the oil filter replaced every second oil change and the carburetor air filter cleaned every 5 months and replaced every 2 years, and every 5 months furnishes to such a dealer evidence of performance of the required service, and requests the dealer to certify (1) receipt of such evidence and (2) the car's then current mileage.

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You are protected with a warranty that's as big and solid as the Chryslers we sell. You can own a Chrysler for 5 years or drive it for 50,000 miles. You're protected all the way. That's over twice what you get on other cars. No worries about major repair jobs on the vital moving parts of your Chrysler. If anything does go wrong (and we don't think it will), the warranty pays for the labor. Pays for the parts. What's more—you get a bundle for your Chrysler if you trade before your warranty runs out. Because the warranty is still good for the next Chrysler owner. Best protection your new car investment ever had. Stop in. (Our big car deals are as big as the warranty.)

Move up to Chrysler
AUTHORIZED DEALERS  CHRYSLER
CIDA

Courthouse
(Continued from Page 6)

Danny Rossiez, 1955 Pontiac; A. H. Husmann, 1964 Chevrolet; James L. Click, 1964 Chevrolet pickup; Pauline Baxter, 1961 Ford; J. D. Shannon, 1954 Chrysler; S. J. Cordova, 1959 Plymouth; H. C. Clark, 1962 Chevrolet pickup; Edward W. Ames, 1957 Ford; Chris Clark, 1957 Chevrolet; Robert Asher, 1952 Plymouth; W. K. Langford, 1928 Ford; R. B. Miller, 1957 Mercury; Rafalla Albiar, 1963 Ford; W. T. Tucker, 1964 Ford; R. B. Miller, 1957 Dodge; R. B. Miller, 1956 Ford; Cecil Parsons, 1964 Ford; Robert Gray, 1964 Ford; Jack Ann Bailey, 1962 Buick; Paul Scott, 1959 Chevrolet; John W. Hall, 1964 Medallion; James R. Milor, 1960 Ford, 2-17 Pioneer Fertilizer, 1964 Dodge truck, 2-18.

Deeds of Trust
Walter T. Beavers, et ux, to J. C. Ricketts: All of Lots 4 and 5, Block 15, Town of Dawn.

Walter R. Kuper, et ux, to Travelers Insurance: The South 120 acres of the East 325.5 acres of the East 1/2 of Section 66, Block K-8.

Curtis W. Murphree, et ux, to Travelers Insurance: The South 156 acres of the Northwest 1/4 of Section 25, Township 2 North Range 3 East.

Harry Alban, et ux, to Prudential Life Insurance Company: All of Section 63; All of Section 62 and the South 1/2 of Section 61, Block K-7.

Merle S. Cross, et ux, to Federal Land Bank of Houston: The Northeast 1/4 of Section 23, Block K-11.

J. F. Miller, et ux, to John Hancock Mutual Life Insurance Company: All of Section 15, Block K-7.

Jimmie E. Pruitt, et ux, to First Federal Savings and Loan Association: The West 25 feet of Lot 96 and the East 75 feet of Lot 97, Block 6, Westhaven Addition.

Norman W. Frank, et ux, to Security Federal Savings Loan Association: All of Lot 35, Hare Addition.

James A. McAndrews to Joe J. Frank: 123.7 acres out of Survey 38, Block K-3.

Kenneth Harper, et ux, to Amarillo Savings Association: Lot 41, Block 5, Westhaven Addition.

Charles E. Carney, et ux, to Amarillo Savings Association: The South 4 feet of Lot 13 and the North 51 feet of Lot 14, Block 3, Engler Addition.

Bill B. Roper, et ux, to J. C. Hennington: 7.39 acres out of the Southeast part of the West 1/2 of the Northeast 1/4 of Section 39, Block K-3.

Warranty Deeds
Ted R. Royal to Virgil Justice: All of the East 1/2 of the West 739 feet of the South 1/2 of Lot 1, Block 2, Womble Addition.

V. W. Marcontell, et ux, to Carl McCaslin Lumber Co.: All of Lot 13 and the South 12 1/2 feet of Lot 14, Sunset Terrace Addition.

Joe Roberts, et ux, to Walter Kuper: The South 120 acres of the East 325.5 acres of Section 66, Block K-8.

Samie Edward West, et ux, to Lella Margaret London, et vir: All of Lot 8, Bradley Subdivision of Block 3, Evans Addition.

L. W. Loarman, et ux, to Curtis Murphree, et ux: The South 156 acres of the Northwest 1/4 of Section 25, Township 2 North, Range 3 East.

Harley R. Neal, et al, to Walter Beavers, et ux: Lots 4 and 5, Block 15, Town of Dawn.

Parker and Douglas to Jimmie E. Pruitt, et ux: The West 25 feet of Lot 96 and the East 75 feet of Lot 97, Block 6, Westhaven Addition.

Golden Spread Homes Inc. to Norman W. Frank, et ux: All of Lot 35, Hare Addition.

Joe J. Frank, et ux, to James A. McAndrews: 23.7 acres out of Survey 38, Block K-3.

N. D. Bartlett Jr., et ux, to L. Squier: All of Lot 11 and the North 15 feet of Lot 12, Block 3, Westhaven Addition.

Teddy Carthel to Robert E. Clark: The East 102.6 acres of the West 192.6 acres of the South 1/2 of Section 48, Block K-3.

Cranbrook Corporation to Virgil Justice: The North 20 feet of Lot 2 and all of Lot 3, Russell Addition.

Cranbrook Corporation to Kenneth Harper, et ux: Lot 41, Block 5, Westhaven Addition.

Cranbrook Corporation to Charles Carney, et ux: The South 4 feet of Lot 15 and the North 51 feet of Lot 14, Block 5, Engler Addition.

J. C. Hennington, et ux, to Bill B. Roper, et ux: 7.39 acres out of the Southeast part of the West 1/2 of the Northeast 1/4 of Section 39, Block K-3.

Largest Big Ten Football crowd of the season turned out last Oct. 12 at Ann Arbor when Michigan faced Michigan State. The count was 101,450.

THIS FINE BEEF IS USDA CHOICE & SAFEWAY GUARANTEED!

SIRLOIN STEAK	ROUND STEAK
USDA Choice Aged Mature Beef Lb. 89¢	USDA Choice Aged Mature Beef Lb. 89¢

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If ever a purchase of Safeway Meat fails to please for any reason whatsoever, just tell us. We will refund your money promptly, courteously. There's no need to return the meat.



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These Prices Good Thru Sat., Feb. 29 In Hereford

TISSUE Lyndia Grey Bathroom 10 roll Pkg. 79¢	Bacon Fillets Safeway Sliced 1-Lb. Tray Pack Lb. 55¢
DOG FOOD Ideal 2-16 Oz. Cans 29¢	Sausage Captain's Choice Perch or Cod 1-Lb. Pkg. 49¢
	Sausage Harmel Link Skinless 12 Oz. Pkg. 39¢

T-Bone Steak Tenderized USDA Choice Beef T-Bone Steak **Lb. 98¢**
Boneless, Waste Free, Tenderized Steak **Lb. 98¢**

Crackers Melrose Soda Crackers Save 4c 1-Lb. Box **19¢**

Shortening Velkay Vegetable Shortening 3-Lb. Can **59¢**

Cottage Cheese Lucerne 2-Lb. Ctn. **49¢**

Breakfast Gem Grade 'A' Medium **EGGS** Dozen **45¢**

(COUPON) **FREE! 100 GUNN BROS. STAMPS** with the Purchase of 25-Lb. Bag Harvest Blossom Flour And This Coupon Coupon Good Feb. 27 thru 29. (COUPON)

Green Beans Garden Side Cut Beans Save 8c 8 No. 303 Cans **\$1**

Golden Corn No. 303 Highway 12 Oz. Kounty Kist Corn 8 Cans **\$1**

Margarine Coldbrook Solids Save 4c 2 1-Lb. Pkgs **25¢**

PLAY **Sword in the Stone**
WIN \$100 CASH
No Obligations, Nothing To Buy, Easy To Play
One FREE Card Per Store Visit. No Purchase Required. Purchasers Not Favored. No need to pass Through Checkstand. Secure Your Free Card at either end of the Checkstand, or from any store employee other than in the Meat Department.
Latest Winners:
Mrs. Floyd Dunavant
Alice San Miguel
Mrs. Henry Jackson
Jack Flowers

Garden Fresh Produce

Washington State Delicious Rome Winesap APPLES	Central American Golden Ripe BANANAS
California Navel ORANGES	Florida Ruby Red GRAPEFRUIT
Mix or Match 7 Lbs. \$1.00	

FREE! 100 GUNN BROS. STAMPS with \$2.50 Purchase or more Offer Good Feb. 27 Through Feb. 29

Highway Canned Foods **MIX or MATCH** Pork & Beans, Pinto Beans Mexican Style Beans, and Red Kidney Beans Save 20c **12 No. 300 Cans \$1.00**

Wolf Chili No. 2 Can **65¢**

Sweetheart Soap 4 Bar Pkg. **49¢**

Purex Bleach 1/2 Gal. Bl. **43¢**

Wilson's Mor 12 Oz. Can **47¢**

Kirk's Castile Soap 2 Bars **21¢**

Maryland Club **Coffee** 1-Lb. Can **69¢**

Mountain Pass **TOMATO SAUCE** 3 8 Oz. Cans **25¢**

Tasty **ELLIS TAMALES** 3 No. 2 1/2 Cans **\$1**

Bel Air **FRENCH FRIES** Save 14c **6 9 Oz. Pkgs. \$1.00**

Zest Soap Reg. Bar 15¢	Zest Soap 2 Bath Bars 43¢	Dash Detergent 3 Lb. 1/2 Oz. Pkg. 79¢	SAFEGWAY We Reserve the Right to Limit Quantities
Biscuits Betty Crocker 2 8 Oz. Pkg. 19¢	Refrig Pizza Betty Crocker 14 1/2 Oz. Pkg. 43¢	Chocolate Pinwheels Pkg. 49¢	Hershey's Dainties 2c Off Pkg. 27¢
Hershey's Cocoa 1-Lb. Box 67¢	Medium Prunes Sunsweet 2 Lb. Pkg. 71¢	Gold Medal Flour 5 Lb. Bag 55¢	Gold Medal Flour 25 Lb. Bag \$2.29
Supreme Crackers 1-Lb. Box 31¢	Hydrox Cookies 1-Lb. Pkg. 49¢	Hershey Cocoa Mix 4c Off Pkg. 43¢	

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Open Sat. & Sun. 1:45 p.m.
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Now... Thru Sat.

Here comes the bride... and the hillbilly weddin!



M-G-M presents
MALL ORDER BRIDE

Buddy EBSSEN - Keir DULLEA
Lois NETTLETON
PANAVISION METROCOLOR

ATTENTION LADIES!!!
Leap Year Special
Saturday Feb. 29th
Bring Your Boy Friend To The Show Sat.
Girls when you buy your ticket at regular prices ask the Cashier about discount prices for your boy friend's ticket.

STARTS SUNDAY

NATALIE WOOD

There is a moment—a long moment—when everything is raked with the proper stranger.

STEVE McQUEEN



Love with the PROPER STRANGER

EDIE ADAMS
Adult Entertainment

Tower Dr. In
Now Open Fri.-Sat.-Sun.
Show Starts at Dusk!

FRI. - SAT. - SUN.

TROUBLE WAS NEVER SO MUCH FUN!



TONY CURTIS
"40 POUNDS OF TROUBLE"

SUZANNE PLESHETTE - CLAIRE WILCOX

Plus: Co-Hit

MOST INCREDIBLE TRUE STORY IN U.S. NAVY HISTORY!

NO MAN IS AN ISLAND

Plus: Color Cartoon

Ford HD Club Meets In Home Of Mrs. Strafuss

Ford Home Demonstration Club met Feb. 19 in the home of Mrs. L. J. Strafuss. Mrs. LeRoy Edwards and Mrs. J. Raymond Flores gave a report on the recreation workshop held Jan. 20 and demonstrated several homemade games. Mrs. A.L. Hollingsworth then discussed mental health for the homemaker.

The business session was conducted by Mrs. Hollingsworth, vice-president. A special meeting will be held March 11 at 3 p.m. in the Ford Community Building to discuss plans for improving the building in connection with the club project for the year. The next regular meeting will be March 18 in the home of Mrs. J. C. Gossett.

Hostesses were Mrs. Strafuss and Mrs. C. R. Stokesberry. Others present were Mrs. Hardy Benson, Mrs. Edwards, Mrs. R. L. Eicke, Mrs. Flores, Mrs. Gossett, Mrs. C. G. Heard, Mrs. Hollingsworth, Mrs. Lut her Norvell, Mrs. John A. Smith, and Mrs. J. o. Walker.



SPEAKERS AT DINNER — Members of the Eastern Star and Masonic lodge were hosts to two residents of the Masonic Home in Fort Worth at a dinner meeting here Saturday night and afterward the two girls made talks. Cherry Coleman, second from left, told about life in the home, and

Eileen Campbell (far right) gave a talk on Washington the Mason. Here they are shown chatting with Mrs. Charlie Noland, Worthy Matron, and W. C. Hromas, Worthy Patron, of the Hereford Order of Eastern Star. (Brand Staff Photo)

Courthouse Records

Vehicle Registrations
O. E. Easley, 1964 Chevrolet; Carlus Potter, 1948 GMC pickup; J. D. Lovell, 1954 GMC pickup; James C. Mercer, 1964 Chevrolet.

Look Who's New!

Mr. and Mrs. Vernon Odell Lewis are the parents of a son, Keith Scott, born Feb. 23 at 1:02 a.m. He weighed 5 pounds and 10 1/2 ounces.
Mr. and Mrs. Lawrence John Wick are the parents of a daughter born Feb. 25 at 7:26 a.m. She weighed 9 pounds.

WESTWAY COMMUNITY PARTY

Westway Community residents met at the Community House Friday, Feb. 14, for a short business session and games. Homer Rudd was presiding officer, and John David Owen and Mrs. Emmitt Johnson received gifts for high scores in '42'. Refreshments were served.

FORMER RESIDENT DIES

Lewis E. McBride, formerly of Hereford, died in Dallas Thursday after a long illness. He is survived by his wife, the former Ruby Williams of Hereford, and four children. He was chief dispatcher for MKT Railroad for many years. Mrs. M. C. King and Mrs. Ross Wilmeth, Ft. Sumner, N. M., attended funeral services Saturday in Dallas.

James Floyd Brown to J. C. Ricketts: All of Section 5, Block A.

C. A. Denton to John D. Aiken: All of the North 24.87 acres of the West 1/4 of the Southwest 1/4 of Section 58, Block K-3.

Chester Clark, 1957 Oldsmobile; Wolf Drilling Co., 1953 International truck and 1959 International pickup; Tom DeShazo, 1950 Ford; E. D. Sawyer and son, 1960 Chevrolet truck; Howard Gault and Son, 1942 International truck; James Boyd, 1959 Ford pickup; Dorothy Duvall, 1962 Oldsmobile; Burl A. Taylor, 1958 Ford Pontiac; Edward Ames, 1959 Oldsmobile; D. L. Welty, 1957 Chrysler; J. H. Lomas, 1964 Plymouth; Kenneth Rudd, 1958 Dodge; K&B Contractors, 1964 Chevrolet pickup; Price Moss, 1964 Chevrolet; Jack E. Mitchell, 1962 Chevrolet pickup; M. L. Simpson Jr., 1964 Ford station wagon; Harold Sears, 1964 Ford pickup; Garland D. Brown, 1959 Ford, 2-19.

Alfred Reinart, 1964 Plymouth; Glenn Andrews, 1959 Ford pickup; Holly Sugar Co., 1953 Ford pickup; Ray Gerk, 1961 Chevrolet pickup; Walter Kaul, 1963 GMC pickup; Donald Reuter, 1959 Chevrolet pickup; George R. Schulte, 1962 Ford pickup; Homer Thomas, 1960 Dodge; Jim Marnell, 1964 Pontiac; Jesse Stevens, 1958 Chevrolet; John Moody, 1952 Chevrolet; Erma L. Currence, 1958 Austin; Darrell Rose, 1964 Pontiac; Jerry Rex Shugart, 1960 Ford, 2-20.

Deeds of Trust
Glenn O. Edwards, et al, to Herbert and Haseloff: 25.788 acres out of the Southeast part of Section 63, Block K-3.

Forrest D. Hill to Prudential Life Insurance Co.: The East 320 acres of Section 14, Block K-8. Chesley Columbus Johnston, et ux, TO First Continental Corp.: All of Lot 82, Northridge Addition.

Taft McGee, et ux, to Chet Williams: A portion of Section 4, Block C; A portion of Mrs. R. H. Blair Pre-emption Survey: All of Section 5, Block C; All of C. G. Witherspoon Survey: All of W. S. Witherspoon Pre-emption Survey; All of P. J. Wilson Pre-emption Survey; All of Section 36, Township 5 North, Range 4 East.

Herbert A. Haseloff to Glenn O. Edwards, et al: 25.788 acres out of the Southeast part of Section 63, Block K-3.

Witherspoon Survey: All of W. S. Witherspoon Pre-emption Survey; All of P. J. Wilson Pre-emption Survey; All of R. L. Wilson Pre-emption Survey; All of Section 36, Township 5 North, Range 4 East.

James C. Douglas to Prudential Life Insurance Co.: 292.846 acres out of the South 1/2 of Section 152, Block M-7.

W. G. Drummond, et ux, to Mrs. Nellie Bowman: The West 1/2 of Lots 11 and 12, Block 19, Whitehead Addition.

John Howard Finley, et ux, to T. J. Bettes: All of Lot 2, Block 3, Braley First Subdivision of Blocks 5 and 12 and the South 10 feet of Blocks 6 and 11, Mabry Addition.

Bob Clark, et ux, to First Federal Savings and Loan Association: All of Lot 12, Block 4, Engler Addition.

Warranty Deeds
Chet W. Williams to Taft McGee: A portion of Section 4, Block C; A portion of Mrs. R. H. Blair Pre-emption Survey; All of Section 5, Block C; All of Section 6, Block C; All of C. G. Witherspoon Survey; All of W. S. Witherspoon Pre-emption Survey; All of P. J. Wilson Pre-emption Survey; All of B. L. Wilson Pre-emption Survey; All of Section 36, Township 5 North, Range 4 East.

The A. J. Stevens Co. to Chesley Columbus Johnston, et ux: All of Lot 82, Northridge Addition.

Herbert A. Haseloff to Glenn O. Edwards, et al: 25.788 acres out of the Southeast part of Section 63, Block K-3.

Ray Yarbrough to George C. Green, et ux: All of Lot 1 and

The Hereford Brand, Hereford Texas, Thursday, Feb. 27, 1964

Hereford Man Draws Sentence

Manuel Tijerina, 20, of Hereford entered a plea of guilty to a charge of carrying a pistol before Judge H. C. Williams County Court Monday. Judge Williams sentenced Ti-

jerina to 30 days in the county jail and court costs. Tijerina was arrested Saturday by city officers.

SAMMY LANE
CUSTOM HOMES

Hippety-Hop to
Anthony's
C. R. ANTHONY CO.

2 and 3 Piece DRESSES
Delightfully fresh print Dacron "Whipped Cream" dress with pleated skirt, cap sleeves. To complete the fashion look the solid color orlon cardigan has a matching print skirt. Aqua, Lilac, Pink.
19.95
Three piece rayon acetate suit tailored with two flap pockets on jacket, slim skirt. Pretty schiffli embroidery, wheat pattern on the cap-sleeved shell. Choose from Gold, Turquoise, Lilac.
14.95
Half Sizes
12 1/2 to 22 1/2
Anthony's

"WHISPER SOFT"
65% Dacron Polyester 35% Cotton
Full skirted shirtwaist with 5-inch hem, pin-tucks, dyed to match, lace down front bodice and sleeves. Buttons to waist. Tailored notch collar. Washable, drip-dry, crease resistant. Sizes 10 to 20.
Shirtwaist coat dress with all-over schiffli trim, self covered buttons, 5-inch hem, scalloped edge collar. Sizes 14 1/2 to 24 1/2. White. Schiffli on assorted colors.
12.95
Drip-dry, crease resistant dress with pin-tucks, lace and fagoting on the bodice and sleeves. Zipper back closure, self belt. Colors: Black, Blue, Pink, Beige. Sizes 14 1/2 to 24 1/2.
Anthony's

WHY WAIT?
Get Ready NOW
Easter
Anthony's
C. R. ANTHONY CO.
Lustrous Patenlite Vinyl OPERA PUMPS
Imagine—such high fashion at such tiny price, but that is Anthony's for you. Lustrous finish patenlite vinyl opera pumps in medium and high heel. Styled and detailed to look so much more expensive. Colors: White, Red, Yellow, Black, Blue, Pink, Nude, Bone. Sizes 4 1/2 to 9. Select a bag to match from several different shapes.
\$7.99
BAG TO MATCH
2.98
Girls' Spring & Easter DRESSES
A. She'll find this dress most attractive... tailored in Avril and cotton blend fabric, full skirted. Tucked bodice and neat lace trim. Colors: Pink, Maize, Blue. Sizes 7 to 14.
5.95
SIZE 3-6x **3.98**
B. Pretty and trim for Easter parade Avril and cotton blend dress tailored with full skirt, puff-sleeves. Trimmed with embroidered overlay applique. Colors: Pink, Blue, Maize. Sizes 3 to 6x.
3.98

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FERTILIZER CO.

CONSERVATION

Starts

With

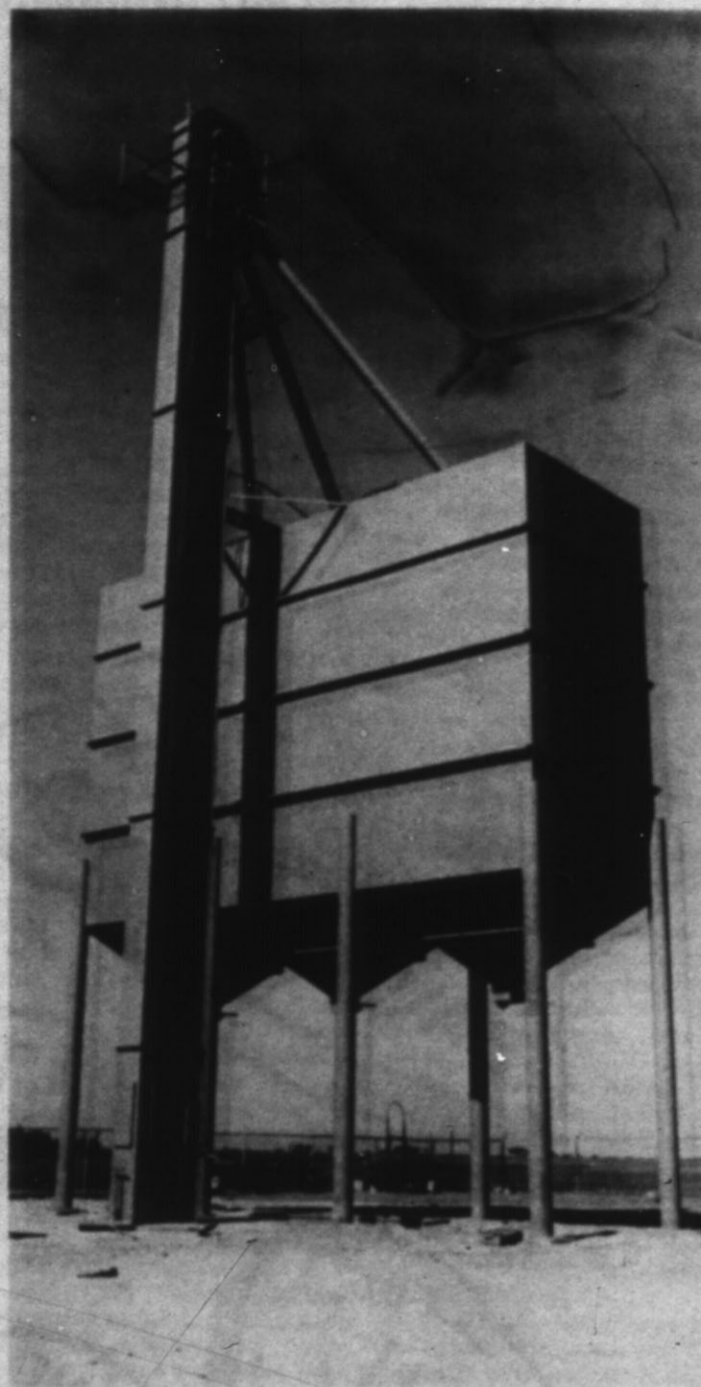
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Fertilization

Don't Deplete the Soil

BUILD-UP....

See us today and let us help
you with a complete fertilization
program from phosphate to nitrogen



Plains
FERTILIZER CO.

The Hereford Brand

The Hereford Brand, Hereford Texas, Thursday, Feb. 27, 1964

Farmers Plan Conservation Of Soil, Water In County

by Don F. Newman,
Work Unit Conservationist,
Soil Conservation Service

Every farmer and rancher makes plans of some form or another. He plans what crops to plant, what equipment to buy, what cattle to sell, what building to construct and hundreds of other details. He may keep his plan in his head or may put them down on paper; but he does make plans.

Farmers and ranchers also make plans on what soil and water conservation practices to apply. He can enter into a cooperative agreement with the Tierra Blanca Soil Conservation District and obtain technician assistance from the Soil Conservation Service in developing his conservation plans. Most Deaf Smith County farmers and ranchers have taken advantage of this unique planning assistance.

F. L. Eicke who farms 15 miles north of Hereford has developed an excellent conservation treatment to improve his

farm. Eicke requested assistance from the Hereford SCS to help him plan the best conservation treatment to improve his farm and prevent erosion. His plan called for the construction of a division terrace to divert outside water, a 50 acre field to be shaped to graded borders and to be sprigged to irrigated switchgrass already established; installation of additional underground pipeline; a conservation irrigation system; irrigation water management and conservation cropping.

Eicke is well along in applying his plan, having completed his division, graded borders, conservation irrigation system, underground pipeline and sprigged a portion of the bermuda grass.

Conservation plans similar to Eicke's have been developed on many of the farms and ranches in the District. All landowners and operators are encouraged to request assistance in developing sound soil and water conservation plans on their land. Cost sharing assistance is available

Pipelines Pay For Themselves By Savings In Labor

"Irrigation pipelines pay for themselves in a few years through savings in labor and maintenance cost alone", said Al Lee, Soil Conservation Technician, SCS, Hereford, "but the most important benefits are received from water conservation and erosion control."

Irrigation pipelines eliminate the necessity for transmission ditches and by doing so, prevents the resultant objectional weed growth. Fields can be irrigated in less time due to increased water delivery to the field being irrigated through the reduction of evaporation and seepage.

"Most of the slopes on the farms in our area are too steep for ditches without erosion", said Lee, "and irrigation pipelines are fast replacing these gully forming ditches and are providing safe methods of transporting water from wells to crops."

The irrigation pipeline business has contributed greatly to the economy of this community. In 1963 there was 251,139 ft. of irrigation pipe installed, bringing the county total installed through the technical assistance

from the Agricultural Conservation program administered by the ASCS office and the Great Plains Conservation program administered by the Soil Conservation Service for applying practices in conservation plans.

of the Hereford SCS up to 1,962, line through the local ASDS of 000 ft. or over 375 miles of pipe. Federal cost-share is available to farmers for irrigation pipe-

lice and also through the Great Plains Conservation program at the local SCS office.

PLAN YOUR FARM



FARM YOUR PLAN



TODAY'S THEME, "Plan your Farm—Farm Your Plan" is probably more important than ever in the history of the industry. The narrow margin of profit in both business and farming has created a need for diligent planning in order to make a profit.

CONSERVATION

is everyone's job!

because... Everyone Benefits

FARMER - RANCHER - BANKER - BUSINESSMAN - HOUSEWIFE
AND OUR CHILDREN

COMMUNITY GRAIN

"SERVING THE FINEST PEOPLE IN THE GOLDEN SPREAD"

New Terracing Methods Are Introduced In Panhandle

"New terracing techniques are being introduced to farmers in the Texas Panhandle. Many farmers who need to terrace their land because of erosion or water loss will be interested in some new terrace layout construction methods offered by technicians of the Soil Conservation Service," said Dan C. Huckabee, area engineer, SCS, Amarillo, Texas.

A system of terraces run parallel to each other is fast gaining popularity among farmers who have seen them in operation. While these parallel terraces are fairly new to the Texas Panhandle they have been thoroughly tried and proven in other parts of the State.

Parallel terraces have many advantages. For one thing, they eliminate point rows. This is a big advantage to High Plains farmers who use 6 and 8-row equipment. Crop damage is greatly minimized when all turning is done on turn rows at the end of the field. Another big advantage is that it facilitates supplemental irrigation between terraces. When all rows run the entire length of the irrigation run, furrow irrigation can be accomplished by laying gated pipe along the ends of the terraces. Each row can then be expected to carry the furrow stream all the way through.

In general, when parallel terraces are installed, a waterway must be provided in all significant depressions across the slope. This provides for excess water disposal at points where water would normally collect and break across the rows. In some cases farmers have gone to the expense of eliminating some minor depressions by filling them in before the terraces are laid out. In more extreme cases they have even gone so far as to level land between parallel terraces. Often this expense is well justified. Leveling between terraces on land with 0.5 to 2.0 percent slopes greatly improves moisture distribution and penetration. More timely tillage prac-

tices are possible and crop growth is more uniform as a result of uniform field drying. Where leveling is too expensive, some improvement in moisture distribution can be made by constructing terraces from the low side. In this case the fill material for the terraces should be taken from a thin layer as much as one-third to one-half the distance downslope to the next terrace. This will give some leveling of slopes between terraces.

Not all fields can be terraced parallel. Some fields have slopes which break in several directions, or even have several isolated little knolls within the field. It can be readily seen that terraces could not be made parallel on these fields. Even so, there may be cases where a portion of the terraces could be made parallel, and the rest of the field terraced with conventional terraces.

Each field needing terraces will have to be individually evaluated as to its suitability for parallel terraces. For more information on parallel terracing, farmers can contact the local office of the Soil Conservation Service.

Asked if there were parallel terraces in Deaf Smith County, many people would probably answer in the negative. Investigation however, proves the opposite to be true.

Four parallel terrace systems are now in use in the Soil Conservation District with one more under construction.

As part of the Great Plains Conservation Program contract, Julian Perrin, Joe Wieck, Tommy Braddy and Luke Miller have installed parallel terraces on their farms. Perrin farms north of the Simms Community, Wieck farms east of Walcott School, Braddy farms northeast of Bootleg Corner and the Luke Miller's farm is east of Hereford.

A system of parallel terraces is now under construction on the L. L. Howard farm at Bootleg. This farm is operated by Bruce Coleman, who has constructed

a waterway, and now the ter-

aces as a part of his Great Plains Conservation program contract.

If present plans materialize, there will be many more parallel terraces in the next few years. Parallel terraces are very popular with the men who have them. One of the big advantages to the terracing system is the elimination of point rows,

plus the fact that each row between the terraces handles its own water. This makes for better use of rainfall, and holding of rainfall can, in many cases, mean the difference between making a crop or failure in the dry land areas.

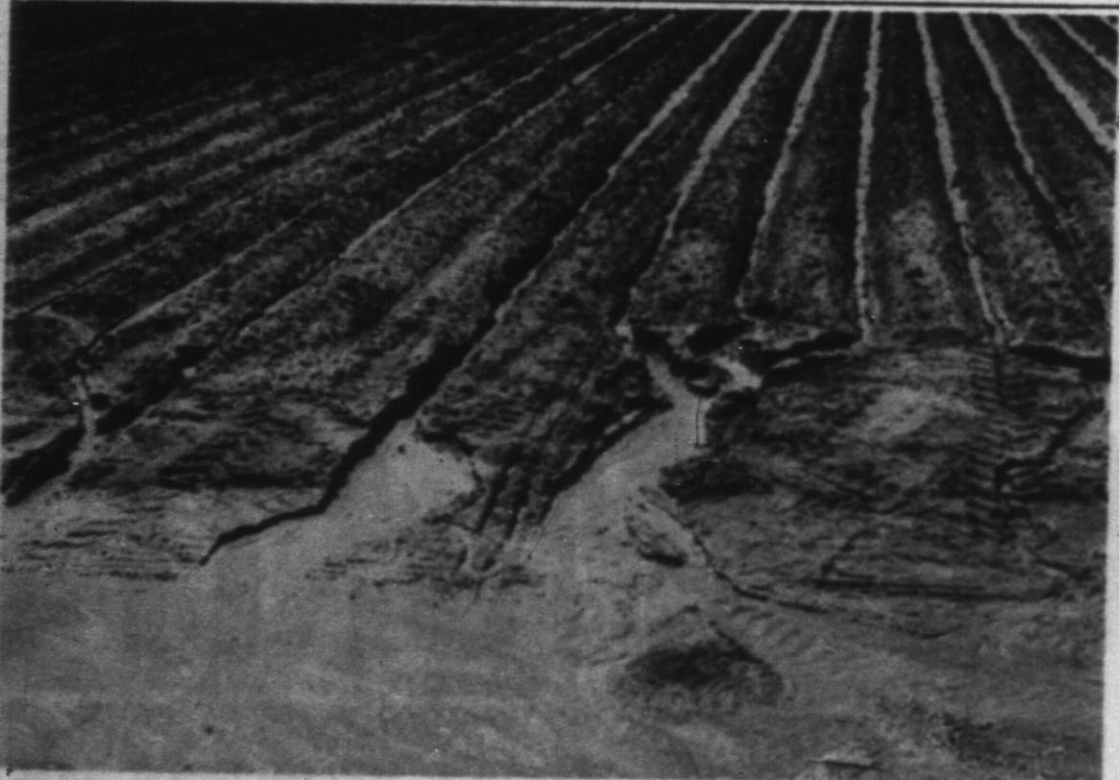
Acuse not Nature, she hath done her part. Do thou but thine.



CARL WIMBERLEY, farming in the Dawn area, has 33 acres of bench leveling that makes maximum use of rainfall and efficient use of irrigation water. Bench leveling prevents water loss and erosion. (SCD Photo)



WHEN GULLEYS like this exist on flat cropland, the chances are that one earthen diversion would break up the concentration of water and put this area back into production. (SCD Photo)

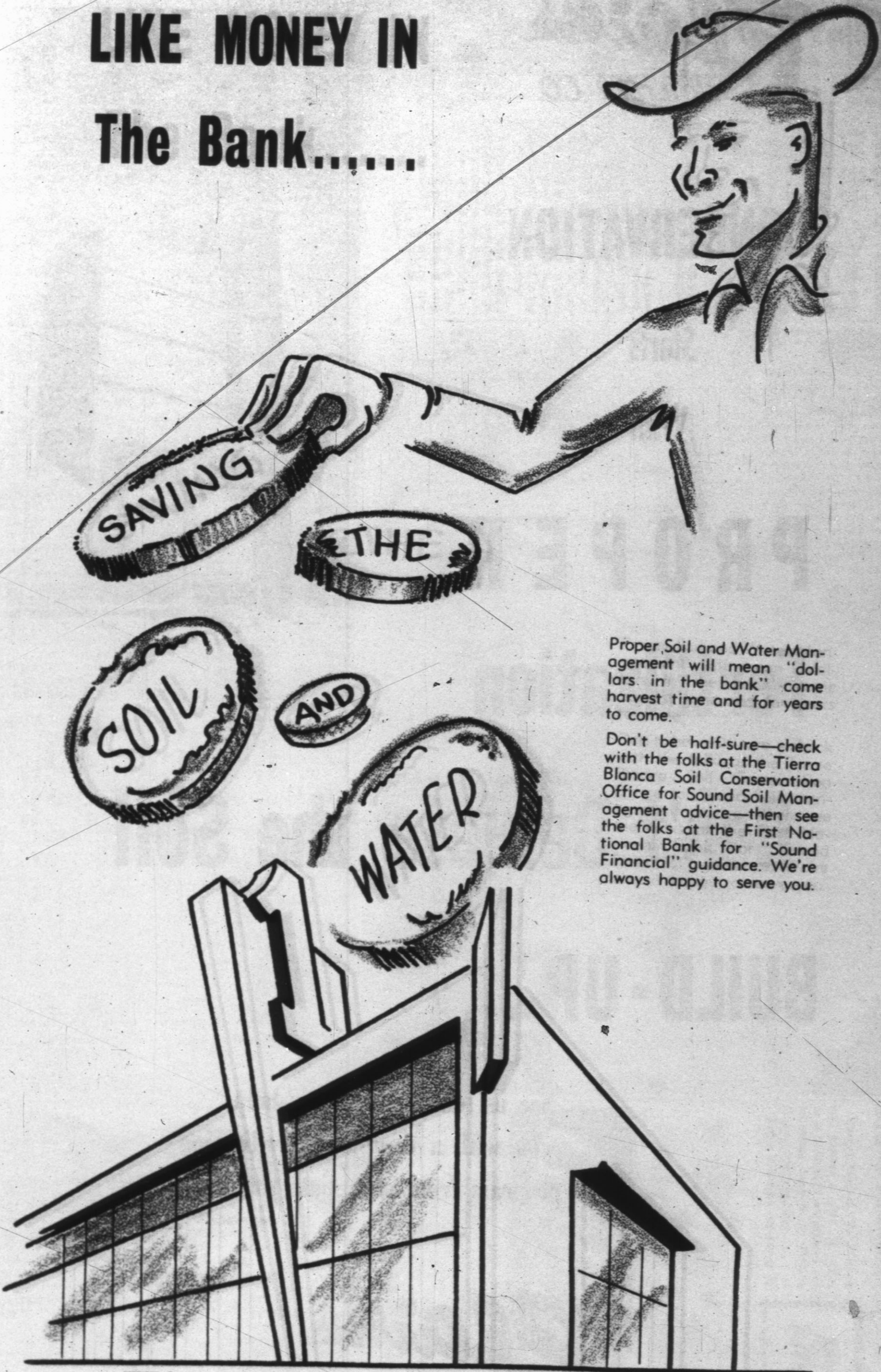


EROSION FROM irrigation water "tail water" coming off this graded furrow irrigation system in which the grade is excessive and prevents conservation of soil and water. Water flowing out of the furrows is completely wasted and eventually end up in one of our many lakes. (SCD Photo)



WE WONT WASH OFF THIS FIELD, IT'S TERRACED!

LIKE MONEY IN The Bank.....



Proper Soil and Water Management will mean "dollars in the bank" come harvest time and for years to come.

Don't be half-sure—check with the folks at the Tierra Blanca Soil Conservation Office for Sound Soil Management advice—then see the folks at the First National Bank for "Sound Financial" guidance. We're always happy to serve you.

First National Bank

of Hereford

Conservation, According To Officials, Elimination Of Tailwaters Is Same

Conservation and the elimination of "tailwater" is one and the same, according to a report given recently by officials of the Tierra Blanca Soil Conservation District.

"Of course, you wouldn't say that an irrigation well isn't worth money, but the apparent disregard of some farmers for the tailwater problem would indicate that these same farmers had no regard for their irrigation wells", said the conservationist.

Certainly, all tail water cannot be eliminated, but with proper soil and water conservation practices, the problem can be controlled, according to Don Newman, Work Unit Supervisor of the Soil Conservation Service.

"It would be well for all those who have experience with tailwater to drive to the Southeast part of the county and look at some of the wells that used to have a good 3" output" said Newman, pointing out that some of these wells are now down to a 1" stream, and that can only be pumped at night. "We don't see much tailwater in this area of the county. As we all know, the less water we have, the more it is worth," said Newman.

Reduction of tailwater to a

minimum can be accomplished by consideration and use of the following points.

1. The greatest cause of tailwater is man. If we are going to turn the water on then go to town, then we are asking for tailwater and not trying to prevent it. True, it costs money to keep a man in the field just watching the water, but it also costs money to run water out the end of the row. It is probably costing us more than we will ever know until it is too late.

2. Consider the slope of the land, the type of soil the length of run, the time we run water, and what condition the soil is in, before you ever turn the well on. These all have a great effect on the amount of water we need to apply. Most of the soils in this county take all the water they are going to take in the first 2 to 4 hours of the irrigation. All time over this 4 hour limit, the water is just running on down the row. By adjusting the furrow stream on your length of run you can still have a 12 or 24 hour set, but a man is needed in the field. All rows will not get out at the same time. If an adjustment is made continually, these rows can be made to get out at the same time.

"If we will call a spuaa see that there is no use con-

structing structures to reuse tailwater, because there is no reason to have that tailwater in the first place." Why pump extra water out, into a pit, and back on the field when it is just as easy to pump from the well the amount you need to irrigate?

From whatever angle you view the situation there is just no reason for excessive tailwater.

Newman urged all farmers in the area to work diligently to stamp out waste, and to preserve our precious water supply.

Drouth of '50's Damaged Land

During the drought of the 1950's, many acres of range land in and around Deaf Smith County became sorely depleted. Ranchers had to find ways of improving their rangeland or suffer considerable financial loss. Although most ranchers realized there was no substitute for continual sound range proper use, they were interested in an improvement program that would give almost immediate results.

Mechanical treatment such as pitting or chiseling was one me-

Over 100 Acres Grassed Waterways Installed During 1963 In County

There were over 100 acres of grassed waterways installed in Deaf Smith County in 1963, according to a report made recently by Rober Gray, Agricultural Engineer of the Tierra Blanca Soil Conservation Service.

Grassed waterways on natural or manmade water courses protect against erosion. They are important to all of us whether we live on the farm or reside in town.

To the farmers of this area, grassed waterways are important because they serve as safe outlets for terraces and divisions. In addition, they may provide a safe passage-way for water that enters your farm from adjoining land.

To substantiate this, the soil conservation service suggests that low areas and drainage-ways in fields be checked du-

thod used by several local ranchers. Holding that rain drop where it falls, would give range grasses a chance to grow and develop and produce more grass.

A. C. Hays Jr. used a rotary pitter on one of his pastures. He was able to get considerable improvement in a short time. H. D. Robbins chiseled some of his range and obtained similar results. Others who either pitted or chiseled for range improvement are Fred Collett; Ray Wilhelm; Elmer, Bob & R. W. Northcutt and W. H. Long.

Pitting or chiseling will not permanently improve native grasses. Only through continuous proper range use along with pitting and chiseling can ranchers maintain top producing pastures during both wet and dry years.

ring the next heavy rain. Chances are, there will be finger gullies on the fields and silt deposits in the low areas. If this is true, the land owner should consider the installation of a grassed waterway.

Properly established grassed waterways can be profitable acres. Besides serving as water outlets for the field, the waterways can be used for hay, grass seed production or limited grazing.

But the prevention of erosion through grassed waterways is important to the city people as well as the farmer and land owner. The silt from eroding fields eventually finds its way into reservoirs and recreation lakes, causing untold damage.

Grassed waterways are like a foundation that supports a house. The grassed waterway may be supporting all of the water conservation measures on the farm. Make sure your water conservation foundation is strong.

Farmers in the Tierra Blanca Soil Conservation District who have installed grassed waterways in the past few years include: Julian Perrin, Clinton Jackson, Bruce Coleman, Wieck Brothers, Luke Miller Ray Wilhelm, Glen Andrews, Allan Hoover, Elmo Hall, Mack No-land, Joe Reinaur, Andrews & Andrews, Ira Scott, Jack Johnson, N. A. Brown & Sons, Carl Wimberley, Buford Carter, Ea Clark, Billy Bell, El B Ranch, Keith Kromer, Mrs. MaryThuet, Mrs. Joe Lyons, J. R. Overstreet, Silbert Lamb, Lois Miller, and John Paetzold.

Many of these waterways are right next to the pavement. The next time you are out driving, why not look at these waterways and see the excellent job they are doing to control erosion.

County Farmer Hardy Benson Tells How SCD To Complete 12th Helped Farming Year With SCD

Ray Wilhelm, Deaf Smith County farmer for over 35 years, said that he felt the Tierra Blanca Soil Conservation District and the Soil Conservation Service have increased the success of his farming operation and increased the value of his farm by keeping up the fertility of the land and saving the topsoil.

Wilhelm, who farms 1 1/2 sections, 6 1/2 miles Southeast of Hereford, made his first contact with the Tierra Blanca Soil Conservation District in 1951 when he began having trouble with erosion and topsoil being washed away over large areas.

A member of the SCS soon contacted Wilhelm and explained that he needed erosion terraces that would allow the water to move at a slower rate and prevent it from surging rampant across the field, washing away the valuable topsoil.

"In recent years the services have suggested that farmers do not burn the wheat stubble left after harvest, but plow it under, as it is one of the best fertilizers available," Wilhelm said.

"Just last year the SCS helped me lay out my irrigation system over a 40-acre tract where the water would flow in the right direction to do the most good," Wilhelm continued.

"I feel that the Tierra Blanca SCD and SCS have helped Deaf Smith County farmers in the conservation of soil more than any other contributing factor," he concluded.

Hardy Benson, Deaf Smith County farmer for over 40 years, has served as supervisor of the board of directors of the Tierra Blanca Soil Conservation District for the past 12 years.

Benson, who moved to Deaf Smith County in 1923 from Clarendon farms 18 miles north of Hereford on Highway 385.

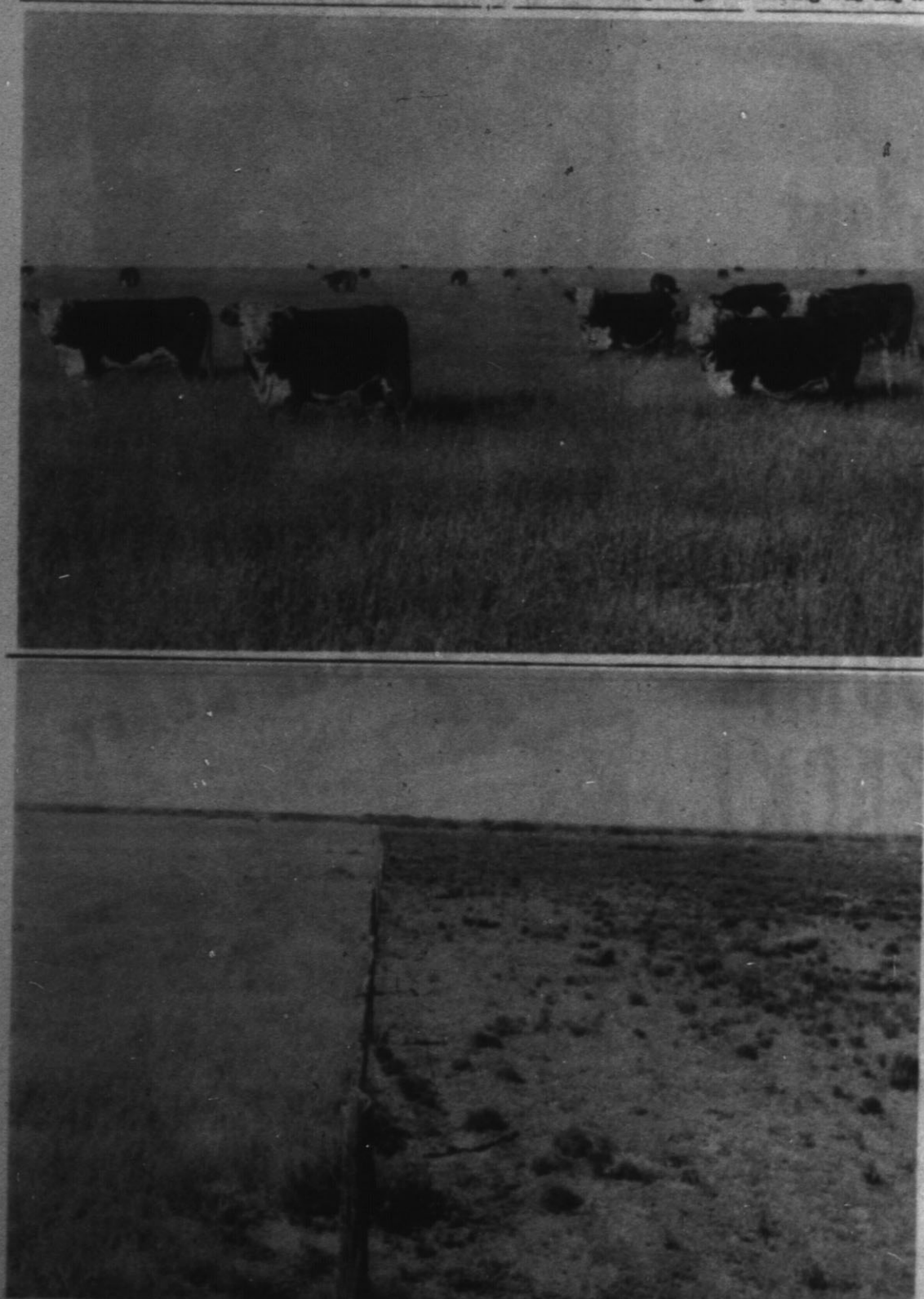
At present Benson farms 1 1/2 sections in the county and has more than 800 acres in cultivation.

Benson first became associated with the Tierra Blanca SCD shortly after it was formed, when he was elected to finish the term of M. L. Stewart as supervisor.

Since being elected to that office, Benson has been re-elected to serve two five year terms in the capacity of supervisor.

"The Tierra Blanca Soil Conservation District was formed from the Texas Wind Erosion District which was organized during the early 1930's. The district is in no way connected with any federal organization, but it works in close co-operation with and is provided technical assistance by the Soil Conservation Service which is a government agency," Benson said.

"The Tierra District has no authority to order any person to do anything or to pay anyone for a service, but we feel that in the past 14 years we have accomplished a great deal in helping Deaf Smith County farmers conserve and protect the valuable soil," Benson concluded.



A FENCE LINE contrast showing on the left, thick abundant native grass due to careful management. The pasture on the right has been overgrazed now lacks vigor. Such overgrazing and loss of grass cover promotes soil erosion and quicker run-off of moisture. (SCD Photo)



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TOGETHER TO KEEP OUR
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ON EARTH!**

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Strong By Conserving
It's Natural Resources**

Ours is the richest land on earth! It is a fertile nation where the seeds of progress flourish as in no other land.

But we cannot remain free and strong if we fail to recognize the responsibilities that go with our freedom.

We are duty bound to conserve our soil, putting as much back into it as we take out each year through fertilization and cultivation.

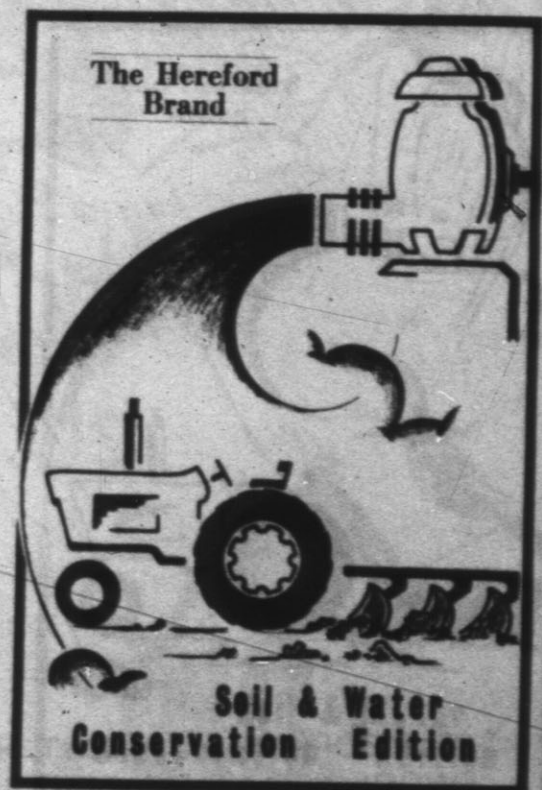
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and
EASTER
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Hereford and Easter



Lamb is Using Grasses to Hold Runaway Water

Albert Lamb, who farms 543 acres six miles west and one mile south of Hereford, is planting a little more than 100 acres of parallel borders, waterways and pipeline with permanent grass as an outstanding soil conservation program.

In fact, he has already put in 20 acres of grass, planted last summer, and he will irrigate his pastures to get the grasses off to a good start.

"I'm putting rough land in a watershed into midland bermuda and other grasses," he explains, "and I'll probably include western wheat grass for winter grazing."

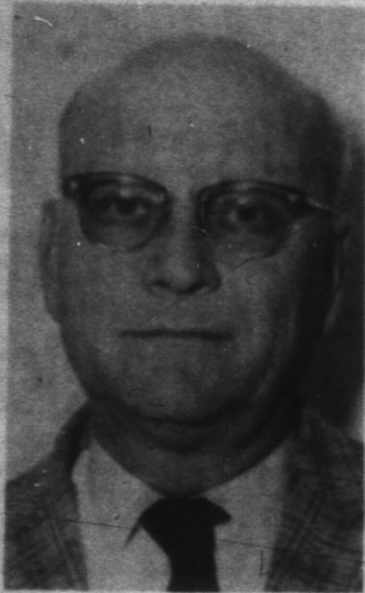
Altogether he will have 124 acres in his grass program. "I'm working toward a diversified farming program, along with a few livestock. I'm using soil conservation methods for getting water down hill — a steep hill — without forming gullies. It's not easy, but through this program, I believe it can be accomplished."

Altogether, Lamb figures, it will take three years to complete program, and it probably will be extended beyond that time. The program will include also a diversion terrace which will turn runoff water into a lake for stock water and probably for irrigation, depending how much water the lake will hold.

He says the grass will take the place of barley and maize which only a drop in the bucket, will help take that much barley and maize off the market and will help beef production by just that much.

Lamb grew up in Lubbock and Borden counties, but has lived in the Plains country for 45 years, ever since he was 5. He and his wife, and their daughter Carol attends West Texas State University. The Labs are members of the Baptist Church here.

"Agriculture is the great art which every government ought to protect, every proprietor of land to practice, and every inquirer into nature to improve."
—Dr. Johnson.



CHARLES VAN DOREN

Van Doren Is Superintendent At Wildorado

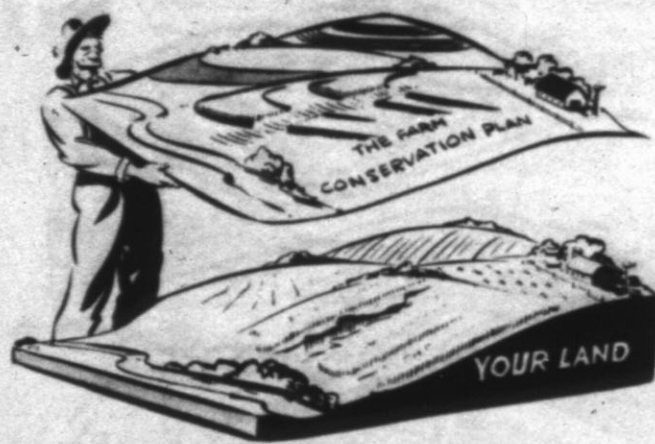
An old hand with the soil conservation service is Charles Van Doren, who is currently the plant superintendent at the Wildorado station. He has been employed at the station since 1939, and has been head man since about 1954.

Van Doren got started in this business back in the 30's when jobs were hard to get. He has a college education, and his major was, of all things, industrial arts. He has never taken an agricultural course in his life. He commented, "What I know about it I picked up as I went along."

He has always had some interest in agriculture, and he got started in this type of work in 1933 at Hayes, Kans. He has done this ever since except for three years when he was a farm implement dealer in Amarillo.

The Wildorado station, which was established in 1937, deals with research on weed control, entomology, economics of crop production and economic use of water, crop breeding (mainly in wheat varieties), and they also do some livestock work.

The station owns 1600 acres of land, which is both in dry-land and irrigation. There are 48 persons employed there. This year they have their new laboratory.



WINDBREAKS BEAUTIFY, as well as serve willow and some fruit trees. Photo is of the to protect as this windbreak of deciduous R. E. Duke farm, Dimmitt. trees shows. Trees include Chinese elm, desert (SCD Photo)



"STUBBORN FELLOW ISN'T HE, SWORE HE'D NEVER CONTOUR!"

50

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Two Propositions Confront Irrigation Land Preparation

When we think of irrigation land preparation we are confronted with two propositions. The ordinary irrigation farmer thinks of preparing land for a particular water application or single crop irrigation. The Soil Conservation Technician thinks of preparing a given field for proper water application to any crop that may be planted. This preparation may range from routine "floating" or "dragging" of a field to remove small high and low spots to complex leveling operations involving much soil moving.

There are three types of leveling which may be used for irrigation land preparation. They are Field Leveling, Bench Leveling, and Graded Borders. Field leveling is a process of leveling an entire field to a desired grade or plane. Bench leveling is the installation of a series of benches or level steps following the land contours on steeper slopes. Graded borders are a series of borders on steeper slopes to control irrigation water with the area between the borders established to some permanent vegetation such as grasses.

Several farmers in the Hereford area have done field leveling. Among these are Jack Johnson, who has leveled 60 acres; Clinton Jackson, who has leveled 30 acres; Tom Fields, who has leveled 35 acres, and Joe Reinart who has leveled 21 acres. All of these farmers have greatly improved their irrigation water application by improving the topography of their fields.

The farmers who have done bench leveling include Carl Wimberly for 44 acres, R. E. Drager for 17 acres, and Charles Hoover for 17 acres. These farmers have made desirable irrigation land of fields that were too steep for irrigation. Raised border ridges between each of the benches prevents

The best estimates show that each year erosion sweeps away three billion tons of soil containing plant food worth about three billion dollars. Farmers lose another \$400,000,000 in washed-out crops and other direct injuries. Damage to highways, railways, reservoirs, and other property brings the total yearly cost up to almost four billion dollars.



FFA SWEETHEART — Ronda Neff, (above) Hereford FFA's Sweetheart this school year, will represent Hereford in the Amarillo District Sweetheart contest at Roys Ranch in late April. She is the 18-year-old daughter of Mr. and Mrs. Ernest Neff, and is a senior. She is also the DE club Sweetheart. (School Photo)

water movement down the slope.

Graded borders established to grass have been installed by Mack Nolan, F. L. Eicke and Andy Kershen. The farmers now have irrigated pastures on land that was considered unsuitable for irrigation.

Material progress cannot rid us of our dependence upon land; it can but add to the power of producing wealth from land. —Henry George.

The extent of modification in plant life is hard to conceive until one remembers that millions of animals have aided in it each year for fifty years or more. If the complete, through-going covering of the Southwest by their crunching jaws be doubted, an airplane flight over

the ranges today will prove illuminating. The eye may look down upon a hundred-mile circle of pasture within which not one square mile retains the ground cover in its undepleted state. —Ross Calvin.

taken, the light of the sun enjoyed or any of the forces of nature utilized without the use of land or its products. —Henry George.

Babylon, Carthage, Syria, and ancient Rome failed to protect their natural inheritance of fertile soil. What are we Americans doing about our soil? It can be stated as an axiom that no great civilization can be created or maintained without a good fertile soil to support it.

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Agricultural Conservation Designed To Meet Needs

The Agricultural Conservation Program is designed specifically to meet local needs and conditions. The program is administered by County Agricultural Stabilization and Conservation Committees, which are made up of local farmers elected by the farmers in the county they serve.

Each year the ASC committee invites the help and asks recommendations from other agencies, groups and individuals interested in conservation in selecting the kinds of practices that are needed in the county.

The Extension Agent is an ex-officio member of the county committee. SCS and Forest Service technicians have responsibility for specifications on some practices.

Programs are formulated with consideration for the county's over-all conservation needs. Many times, cost-share money is used to introduce new and needed conservation practices not yet part of the regular good farming practices following in the county.

Practices are chosen and rates set to encourage individual farmers to use the practices that will help solve their most urgent conservation problems. Often the ACP helps farmers carry out farm and ranch conserva-

tion work which is part of a program planned in cooperation with other agencies, institutions, and organizations — such as Soil Conservation Districts or organized Watershed associations.

During the twenty-six years this program has been in operation its accomplishments have run into millions of acres, feet and tons. As an example, it has been possible to average one million acres per year protected by terraces. A total of seven million acres of irrigable land have been leveled for better irrigation. 775 million acres of vegetative cover have been established.

The past year's (1963) activities for Deaf Smith County is shown below:

Establishment of permanent vegetative cover — 35 farms, 2218 acres.

Constructing dams, pits ponds for livestock water — 4 farms, 13,394 cu. yds.

Establishment of permanent sod waterways — 2 farms, 11.1 acres.

Constructing Diversion Terraces — 2 farms, 6553 cu. yds.

Reorganization of irrigation system — 240,367 feet of pipe, benefitting 8,103 acres.

Leveling land (Irrigated) — 9 farms, 23,834 cu. yds. — 83

83 acres benefitted. Stubble Mulching to improve soil permeability, etc. — 26 farms, 5473 acres.

Contour listing, chiseling for wind erosion control — 23 farms — 6658 acres.

Control of Bindweed — 22 farms, 135 acres.

Based on average assistance given under this program, we can safely assume that in con-

nection with the practices shown above over \$325,000 were spent for conservation work during 1963.

Assuming this is an average for future years and the fact that it does reflect activities for the past several years under this program, it can easily be seen

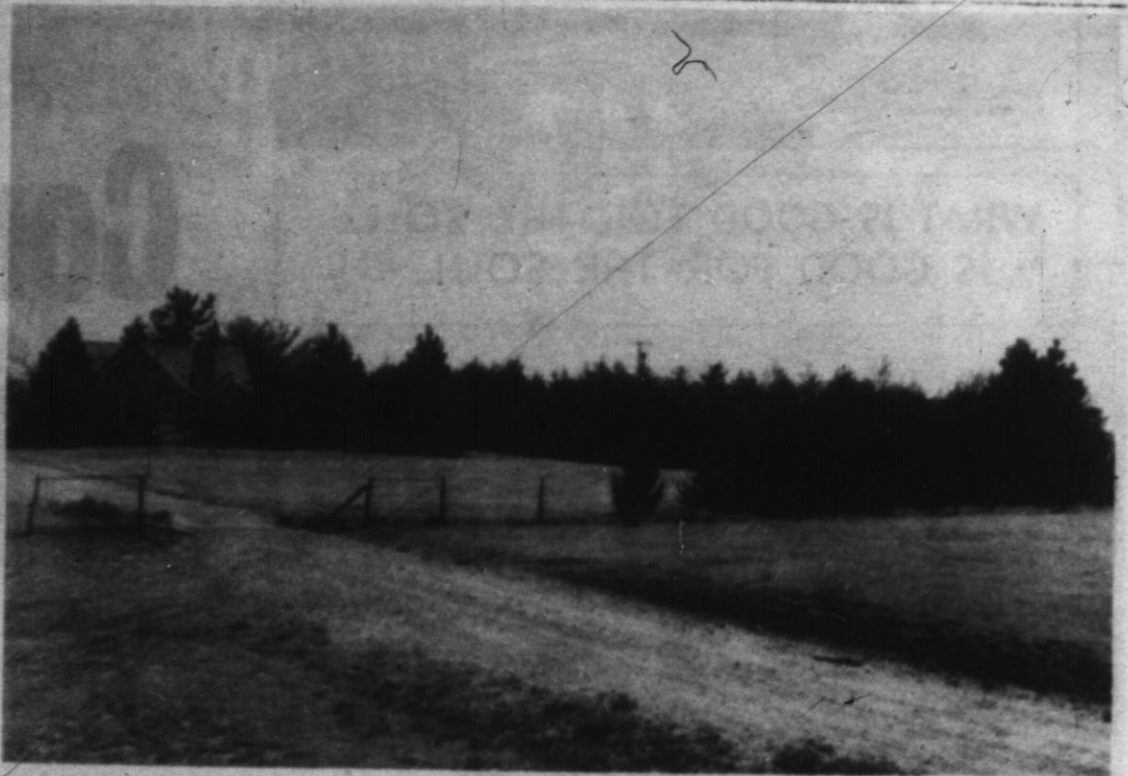
that we have a continuing need that is important to each indi-

vidual farmer and to our county as a whole. Land prices, new crops, the supply of water are all factors that command increased study of conservation on the farm.

To the farmer, the rancher We hasten to say Contact your Soil Conservation District today!



THESE CATTLE are content in the protection of a Red Cedar windbreak during a snow-storm of 1963. The photo was taken on the old N. G. Elliston farm located 8 miles Southeast of Hereford. (SCD Photo)



SHOWN ABOVE — is a multi-row windbreak of Red Cedar and Austrian Pine. This beautiful, and practical windbreak protects the W. W. Wimberley farmstead from the west and northwest winds. (SCD Photo)



THIS YOUNG field windbreak planting of multiflora rose is on the J. D. Pitman farm, American wild plum, Arizona cypress and 1 mile north of Hereford. (SCD Photo)



SHOWN HERE is the area H. D. Robbins range chiseled. This picture was taken the year following the chiseling operation. (SCD Photo)

District Ruled By 5-Man Board

by Luther Lesly
Chairman, Tierra Blanca SCD

The Tierra Blanca Soil Conservation District is governed by five elected local landowners and comprise the Board of Supervisors. The District is divided into five zones and each supervisor is elected to represent the zone in which he owns land and serves a five year term. The Tierra Blanca SCD Board of Supervisors are Luther Lesly, chairman; Charles Hoover, vice-chairman; Eldred Brown, secretary; Hardy Benson, member and Clarence Betzen, member.

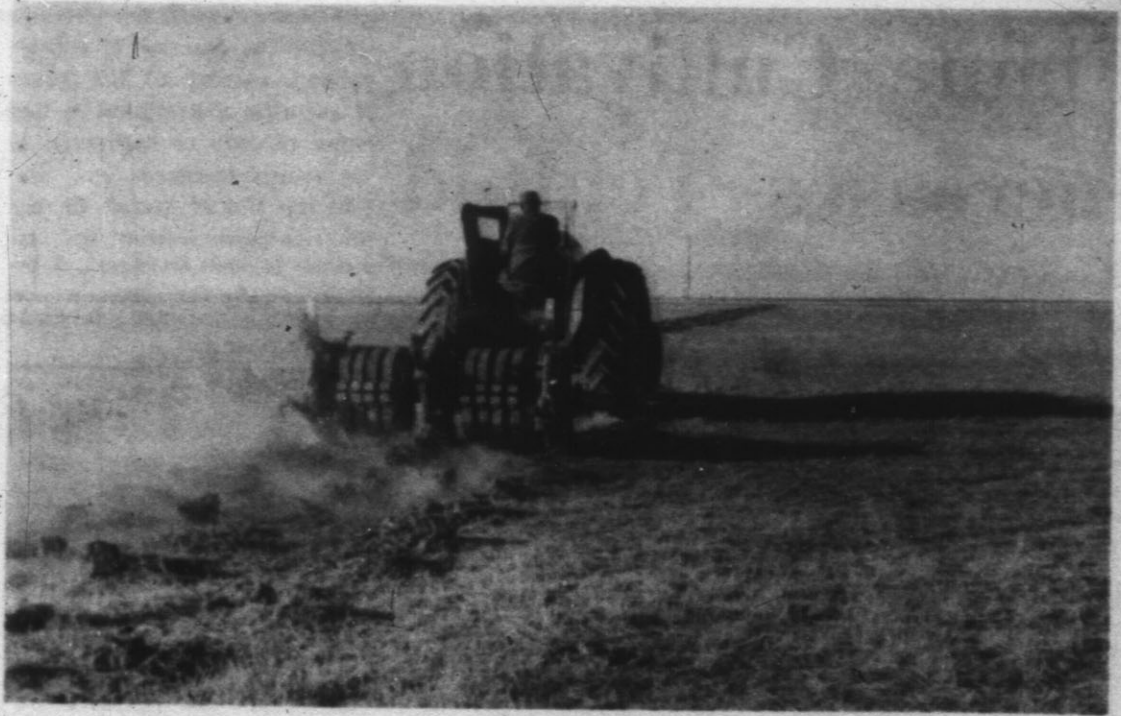
The supervisors meet once each month to direct the activities of the District. They coordinate the conservation efforts of various state, and federal a-

gencies and other organizations. They also manage the District's heavy machinery which does soil and water conservation work.

The SCD Board operates from an overall District program which describes the conditions and problems affecting land resource conservation and states its soil and water conservation goals, and what it proposes to do to attain them.

Thomas Jefferson, pioneer in soil conservation, recognized the advantage of "horizontal ploughing," known today as, contouring. In 1810, writing about the effects of a violent storm, he notes: "Horizontal furrows arrested the water at every step til it was absorbed, or at least had deposited the soil it had taken up."

The soil, like freedom, is not appreciated until it is endangered.



A. C. HAYS JR. used a rotary-pitting machine to help him improve his native range-land.

(SCD Photo)

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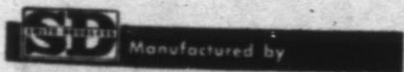
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Flame Cultivation Increases Tenfold

Farmers have used ten times as much flame cultivation this year as they did in 1962, according to John Hicks, owner of Hicks Oil and Gas. He said that between 150,000 and 175,000 gallons of propane have been handled by his company alone for the purpose of flame cultivation.

Flaming is done with specially designed machines mounted on tractors. The flame may be applied broadcast or in carefully controlled furrow application, depending on the crop to be cultivated and its tolerance to heat as compared to that of the weeds to be killed.

The broadcast method is used to clear and clean up fields and even on crops with high heat tolerance. Hicks said. He commented that it takes ten times as much heat to kill onions as weeds. One farmer burned onions off four times with broadcast flaming and still reaped a bumper crop. Because of the tough bark formed on the slow-growing cotton stalk, a plant eight to ten inches high will stand 15 times as much heat as fast growing careless weeds of the same height.

The controlled flame is used with a foot-like jet ejecting a specified flame to control weeds under plants and in the furrow.

Flaming is used extensively on all types of grain sorghums, on potatoes, cotton, carrots, and almost every crop grown here. Much of the work is done on a commercial basis. Among those doing such work are E. A. Goetsch, Frank Hefner, and Johnny B. Caraway.

In most cases flame cultivation is cheaper than conventional control. Hicks said running from \$1 to \$5 per acre, depending on the weeds to be controlled. It is most expensive in salvage jobs, such as some caused by prolonged rains this spring which let weeds get ahead of the crops.

One farmer reports that he had spent \$75,000 for labor at this time last year. He figures his saving may run to \$10 an acre with flame cultivation replacing much of that labor. His savings may mount to \$50,000.

There is absolutely no ill effect from flame cultivation, Hicks declares. The heat penetrates only some 1-16 of an inch into the soil and takes nothing out of it.

Side benefits from flame cultivation, other than weed control, include some control of

insects and disease, especially on potatoes and onions. Some disease on potatoes is destroyed by the heat, and insects in the direct run of the flame are destroyed.

Flaming has been used by local farmers this year to good advantage in cleaning fields before potato harvest. One man reported he gained 20 to 25 sacks of potatoes per acre which would have been left by the pick-up crew if the field had not been cleaned by flaming.

Effects of flame cultivation tend to last longer than that of plowing, Hicks commented. Weed seeds are destroyed on the surface, and since weeds do not germinate except at levels near the surface; a new crop of weeds is not likely until after heavy rains or plowing.

Among farmers reporting satisfactory results from flame cultivation are Eddie Reinauer, Al Trautman, Charlie Shipley, Joe Reinauer, Jorde Potato Company, and George Turrentine.

While flame cultivation is relatively new to this area, having been introduced here within the past five years, it has been used in farming since the early 1940's.

"Nothing is a cure-all," Hicks concluded. "There are places for sweep and other cultivation, hoeing, and herbicides; each one has its place in the economy of the country."

Youths' Stake In Conservation Biggest Ever

by Johnny Adams

in the United States, as always, our economic structure is tied very closely to the soil and our natural resources. We have reached a point of population increase that it becomes necessary to put more stress on preserving these natural resources. Youth, therefore, has a greater stake in this than perhaps a quarter century ago. We could, without close supervision, destroy or use to such an excess our resources when some of the necessities of life would have been used up. Gas, oil and underground water are a few of these vital necessities.

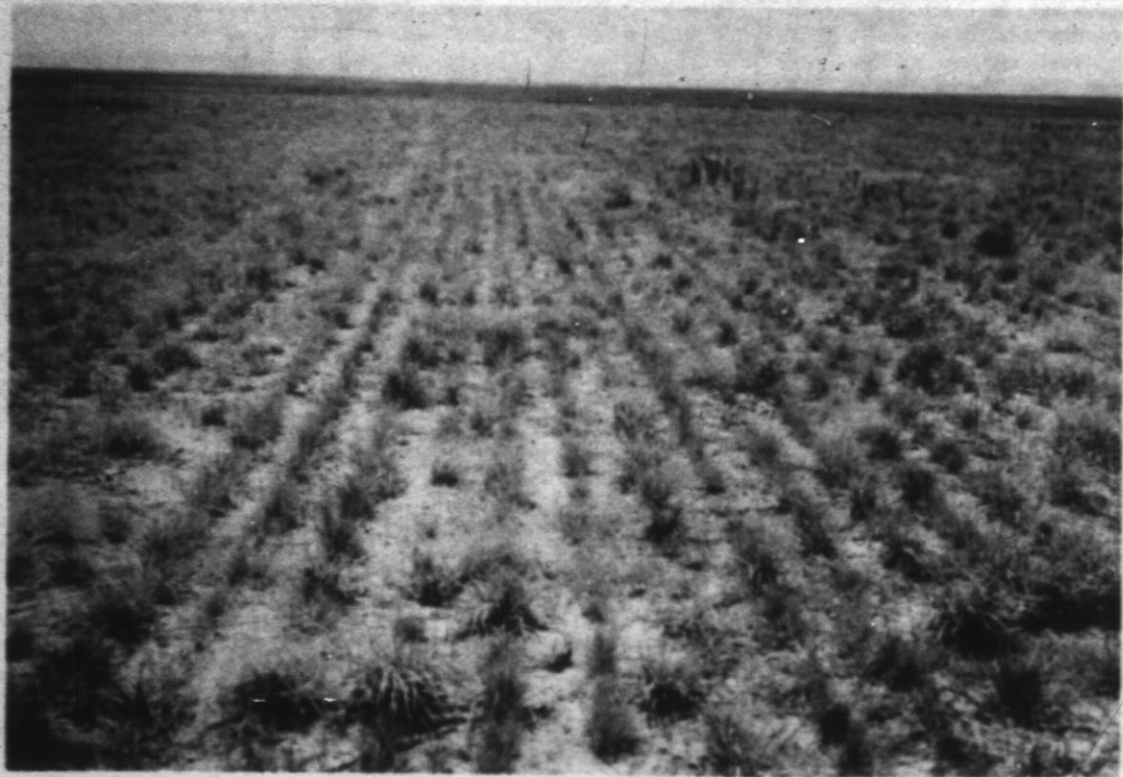
Youth and his entire social

and economic future depends on how the practice of conservation is carried out. His means of securing a livelihood is tied either directly or indirectly, to the natural resources.

In the United States in the past we have wasted the resources to such an excess, it becomes necessary how to use more wisely the many products that we have left.

The over-supply with which we were once blessed has passed. Now divided, the amount of resources per person is much less. Only by wise management will future generations have a chance to ever know some of the wonders of this great land of ours. There fore youth today has a greater stake and a bigger job of conservation than ever before.

Americans have been wasteful with their farmland. About one hundred million acres of once-good cropland in the United States have been ruined or nearly ruined by erosion for profit-able cropping. This is as much as there is in all of Illinois, Ohio, North Carolina, and Maryland, together. It is enough land to provide 1,250,000 families with 80-acre farms.



THE ABOVE PHOTO shows a young stand of native grass on the J. R. Wheat ranch in the west part of the county. Seeded areas should be deferred at least one year fol-

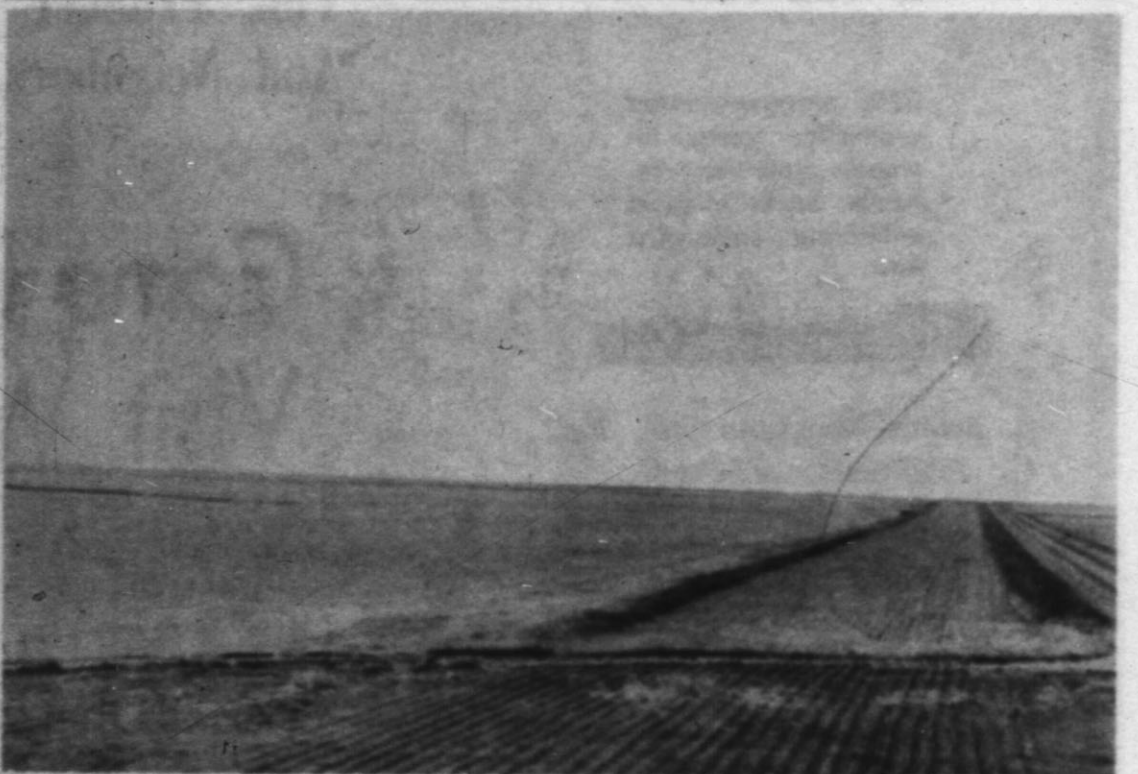
lowing seeding to allow the grass to become well established. Seeding was done through a Great Plains Conservation program contract. (SCD Photo)



EARTH FILL pond on the J. R. Wheat Ranch. This site was ideal for large storage of work. water with a minimum amount of earth. (SCD Photo)



LUTHER LESLY shown above in his field of irrigated switchgrass, pioneered the grass in this area. The above field has been properly grazed. (SCD Photo)



GRASSED WATERWAY with a system of terraces. The above picture was made on parallel terraces just after construction of the J. V. Perrin farm. (SCD Photo)

As The Farmer And Rancher Prosper... So Does The Nation



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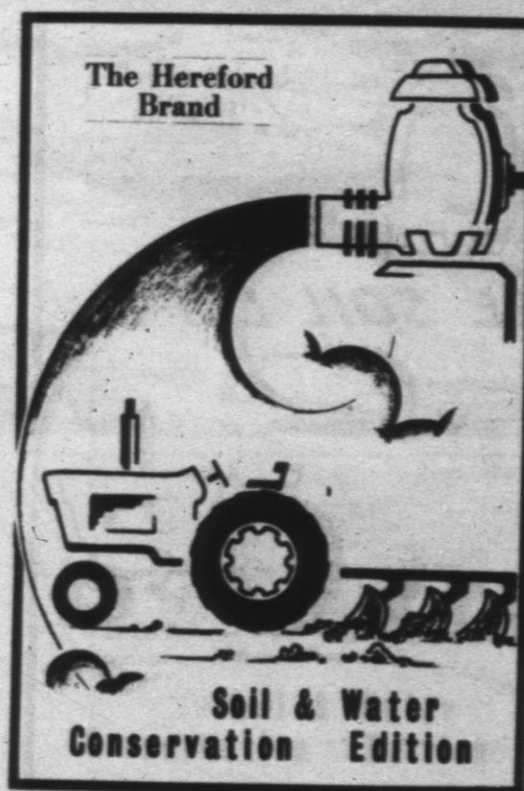
WHAT IS GOOD FOR THE SOIL IS GOOD FOR THE SOUL

Conservation

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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.

Poor soil means a poor nation. Therefore it is important that all of us work together to preserve the soil . . . and the nation's hope for the future.



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Water Important From Beginning To End Of Life

By Herschel Thurston

Water is always important — from the time of the first cry of the newborn infant to the last request of dying old men.

Having lived in a rural area where our only water supply was from a cistern supplied by rain that ran from our house roof, our young family learned not to waste water. We were told not to take more water in the dipper than we intended to drink, and to pour any remainder in the wash pan. Being a young preacher, the matter of stewardship of water became a subject of importance.

Conducting a funeral service for an old "wind-miller" led to



REV. HERSCHEL THURSTON

the thinking of the importance of the man who came at the ur-
"We're out of water." Cattle

stomping and fighting around a dry stock tank, early settlers driving miles for a barrel of drinking water are experiences of my youth.

The Bible begins with the account of God's creating the earth, and separating the water from the dry land. God did not make man, until He had made provision for watering the earth. When a river flowed out of Eden to water the garden, the Lord God took the man and put him in the garden of Eden to till it and keep it. (Gen.2).

Scarcity of water has been from the beginning the cause of trouble between men. Isaac's servants who had to dig the third well before the herdsmen of Garrar would cease quarreling over the water is an early example. (Gen. 26.).

Conservation of water for the greatest use for the most people for the longest time becomes more and more apparent out on these great high plains, as our

Planned Farm Program Pays

by Larry Clements

A supervised farming program should consist of production projects, improvement projects and

little towns of fifty years ago become cities of large populations, and as modern irrigation methods, rapidly drop our underground-water levels.

Men has had to be restrained from killing off the buffalo, prairie chicken, and wild life in general. We have had to be drastic to save the species.

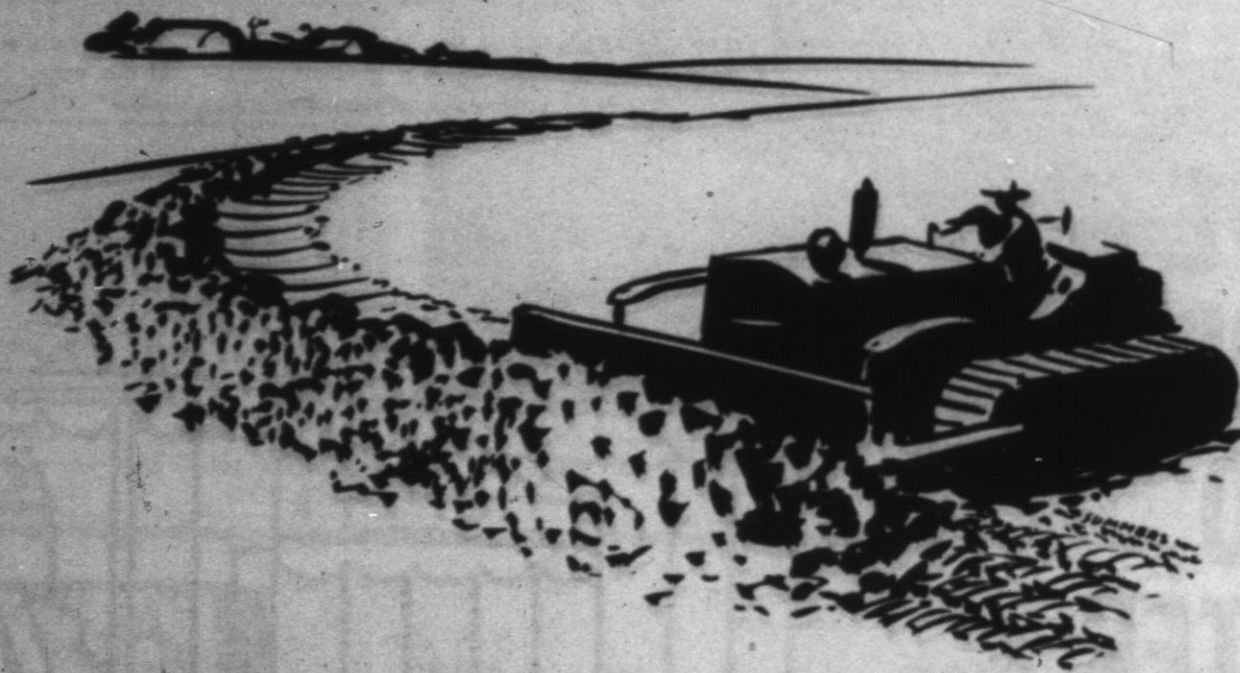
The benefits of every effort to save the soil, wild life, the beauty of our country-side are well known to most of us. Surely, we shall accept God's blessing of water as a stewardship and rightfully avoid waste for the sake of ourselves and posterity.

supplementary farm practice jobs in the correct way. It provides an opportunity to learn how to earn, save, spend and invest money and the opportunity to have livestock and equipment of your own.

It provides excellent college college preparatory training if a student elects to go to college to prepare for a career in agriculture or in a business or in some occupation related to agriculture.

Parents play an important part in a boy's farming program. They give advice and help with various problems that will always confront him. My father gives a good part of his time in helping me with my project and his help has improved my project considerable.

The merit of a farming program is based on the size, quality of work, neatness, completeness and accuracy of records and improvements made in farming practices.



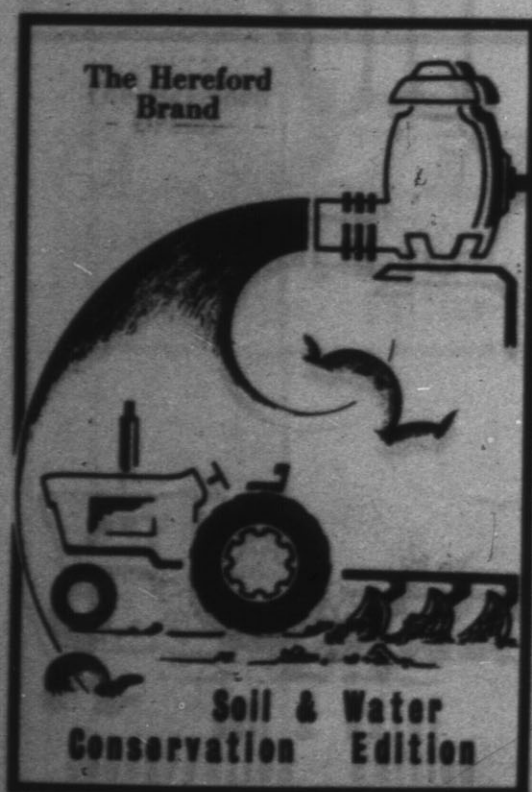
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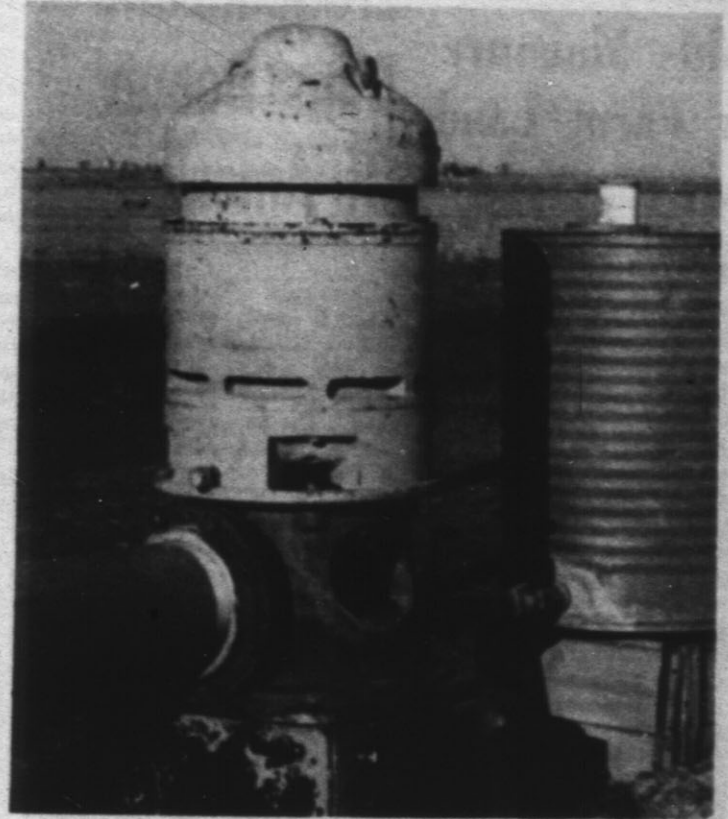
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Water is Life — Use It Wisely

Stubble Mulch Holds Moisture On Farm Lands

by Eldred Brown
Soil Conservation District Supervisor

Stubble mulching offers one of the most economical and effective measures for controlling erosion and conserving moisture in the dryland part of the Tierra Blanca Soil Conservation District. Many area farmers are using large sweeps to maintain a protective cover on their land to protect against erosion.

The surface residue established by stubble mulching serves as a water spreading device, intercepts and disperses part of the force of falling raindrops, reduces the surface velocity of wind, and helps hold snow on the surface against the force of wind.

Several years ago farmers who first tried stubble mulching complained the heavy stubble made field working conditions difficult. Now implements are available which were specifically designed for working in stubble.

Some of the local farmers who are stubble mulching are H. A. Brown & Sons, Julian Perin, Charles Hoover, Bruce Coleman, Elmo & G. V. Hall and Ray Wilhelm. Each of these farmers have stated the advantages they have received from stubble mulching.

Wind erosion may be an extreme rapid or a very slow process. Fields may be blown bare to the subsoil by one or two

Eroded Land Dims Beauty Of America

by Lois Kersten

"America The Beautiful!" What a lovely thought that is! But is it really like this? All through our country there are places of ugliness. What causes it? The answer is simple: careless people. The people who let their fields wash away usually do not have the education and knowledge to do any better. But through the conservation programs in the communities of our country these people are shown how to terrace the land, to build grass waterways and to contour the land. Thus the land will not become eroded and bare.

In other areas it is not the erosion that keeps the people from raising good crops, but lack of water. The conservation programs teach the people how to save the water and use it wisely. They also show the people how to keep their water supply clean and unpolluted. The

hard windstorms, or only a little "dust" may be lost each year. Whether soil loss is great or small, it is permanent and can never be returned. Unprotected summer fallow fields "die" a little every time the wind blows. Stubble mulch farming has become a successful method of erosion control.

many things that get into the rivers and streams of our land cause the death of many animals and even people. Evaporation dries up many rivers, lakes, reservoirs and other water supplies. Conservationists are working to prevent evaporation by the building of better reservoirs, watersheds and dams.

In still other areas water is causing erosion and other damage because the formerly forested hillsides are bare. The settlers came and cleared the land wasting a lot of good timber. Now we are replanting trees trying to save our timber supply.

It is our modern youth's responsibility to keep America Beautiful. Our forefathers didn't

know much about scientific methods of increasing, preserving and using nature's storehouse of wealth, but we, the youth of today, with increased scientific knowledge should do our share so that our children and children's children will be able to sing with grateful hearts, "America The Beautiful!" and know that we have done our part to preserve it!

The destiny of the short-grass country is pasture, except for crops in the river bottoms, if the land is to endure. But after a few years of good rainfall, out come the appealing dry-farming circulars, the speculators, the mortgages, the bright

hopes and the homesteaders. Then the rainfall cycle swings to the dry arc and the farm goes off in a whirlwind. Thousands lose everything they own but other thousands replace them.

Seventeen million acres of good Arkansas crop land has been gashed to the point where cultivation is no longer possible. On certain measured areas, a foot of topsoil has been lost in the last thirty years.

The boll weevil by ruining cotton has forced many farmers in the south to diversify their crops, to their lasting benefit.



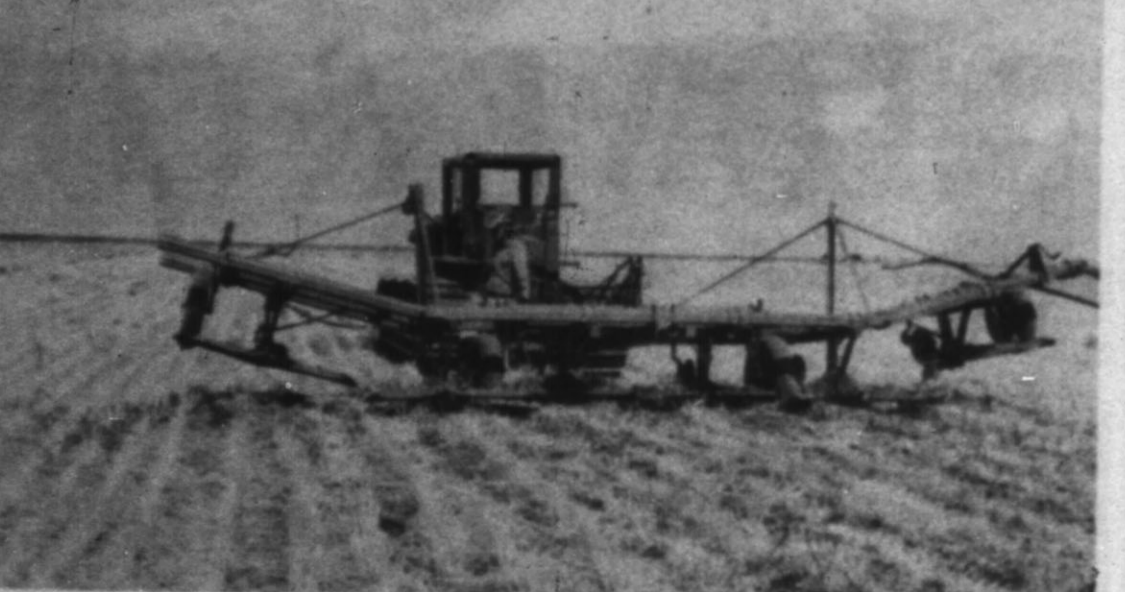
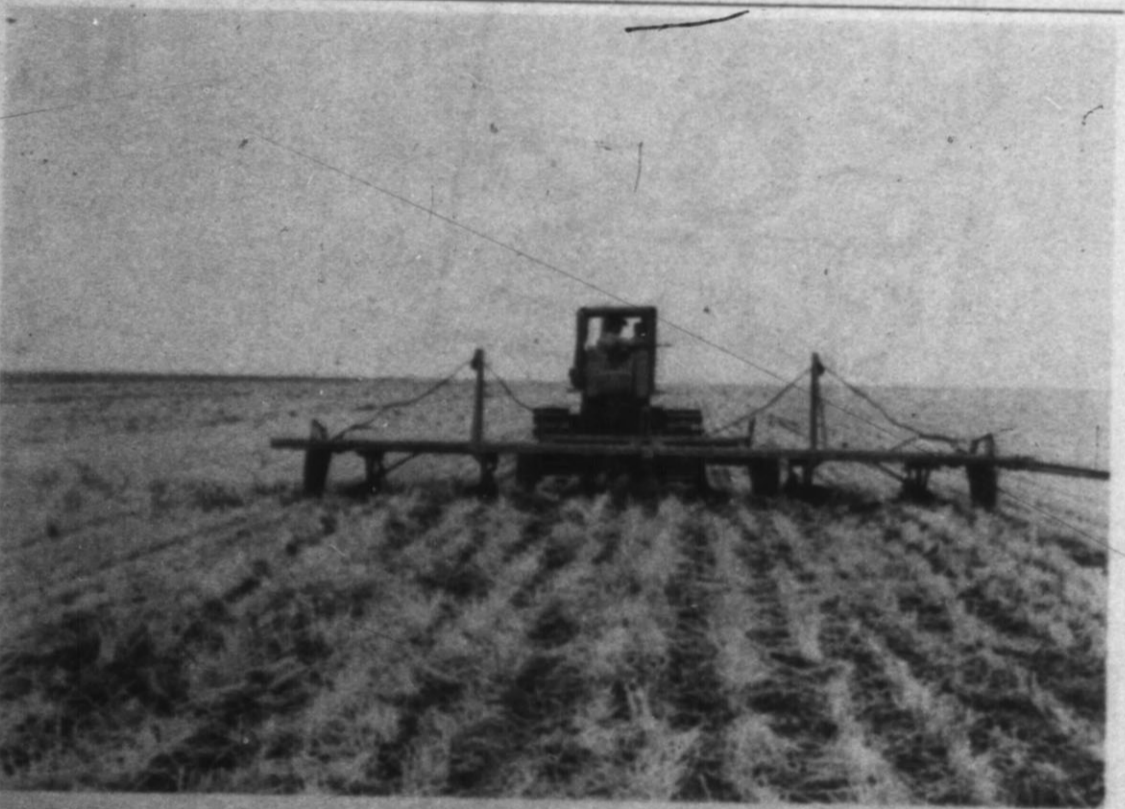
AL LEE, SCS technician examines the 30" sweeps on Charles Hoover's drag type stubble mulch plow. Stubble mulching has become an accepted method of water conservation in Deaf Smith County.



RAY WILHELM has used young Arizona cypress windbreak on his farm Southeast of Hereford. (SCD Photo)



SHOWN ABOVE is a one row Red Cedar windbreak on north side of farmstead. This photo made on the Duthier Lesly farm north of Hereford. (SCD Photo)



ELMO AND G. V. HALL use large 4 foot sweeps. Stubble mulching conserves water, prevents runoff and erosion. They converted a chisel type plow to handle (SCD Photo)

Conserve Now For The Future, Student Urges

by Camille Langley

Young people of today take for granted what we may not have used if we did not conserve their land.

If youth of today do not learn how to conserve they will run into wasting millions of dollars worth of food, clothing, furniture and many, many other products.

We lose three hundred and two million tons of fertile topsoil when rivers wash it down into the ocean. The youth of today should learn to set right now to conserve this land.

Youth should learn to conserve soil from "dust" storms because much fertile land is covered with dust, in which we could raise cows or crops on but is blown away. Also, they of today should learn to build dams so the river waters will not wash away all of their topsoils.

Suppose that the youth of tomorrow does not learn to con-

serve, they would not learn how to keep rivers from washing away their land, they would not know how to cultivate to keep "dust" storms from blowing away their land or covering it. Then the youth of tomorrow would not learn how to conserve from the youth of today and so to where there would be no fertile land left.

So if the youth of today learn and discover more about conservation, our world of tomorrow will be a better cultured world.

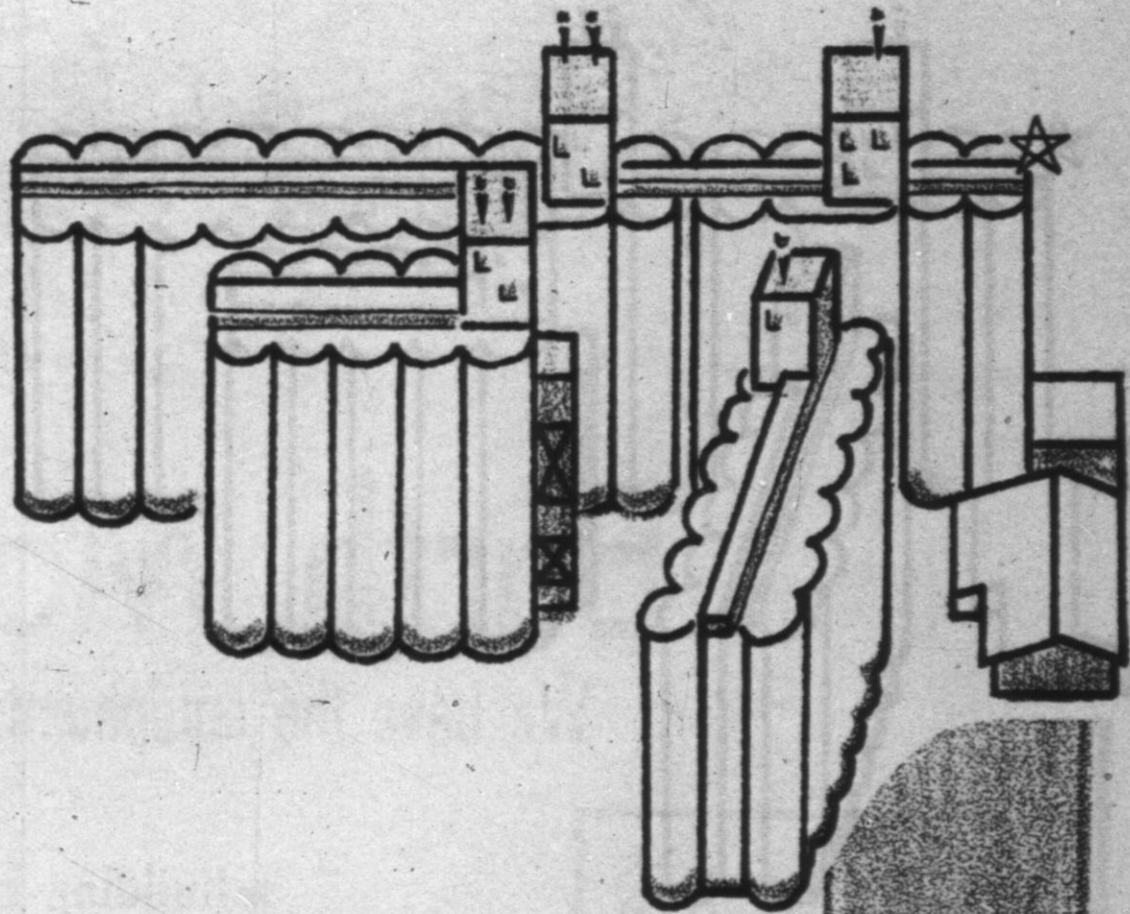
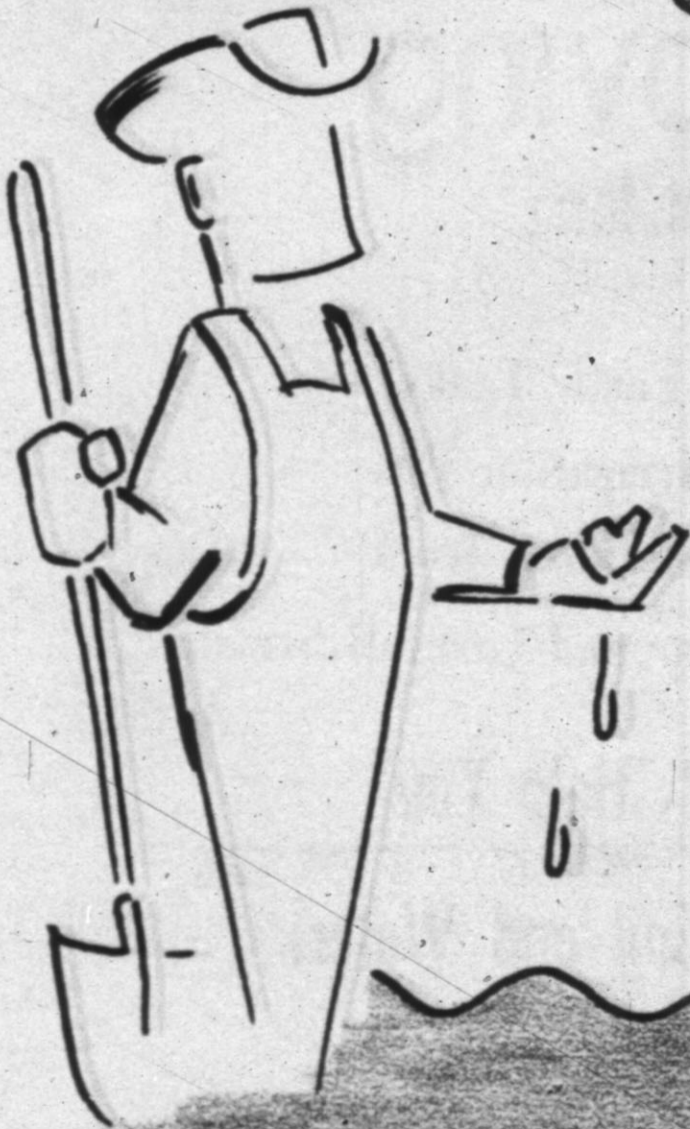


DON F. NEWMAN
Soil Conservation Service



IF YOUR FARM looks like this after a rain, the chances are you need a grassed waterway. Grassed waterways afford protection to land while carrying excess water to one of our many lakes or to rangeland. (SCD Photo)

SAVE SOIL AND WATER



PITMAN GRAIN CO.

Berth on FFA Judging Team Trains Youths

by Randy Tooley

Virgil Barber, Jimmy Campbell and myself know the significance and value of being on an FFA judging team. The significance is learning how to be good losers, as well as good winners. The value is the agricultural experience we gained through hard work and competition with other FFA boys.

We three boys were on the crops team, which was one of several spring judging teams sponsored by the FFA. We learn-

ed our parts by spending our vocational agricultural hours each day plus two or three nights per week, practicing. These hours of practice really paid off.

In crops, we learned three things, seed identification, seed grading and seed judging. Seed grading was done with a small handbook and was based on the weight, moisture, content, color, etc. of the cereal grains. Last came seed judging, the hardest part. In this part, we looked for samples of some seed, and placed them first, second, third and fourth, according to their quality. We gained another bit of experience by teaching crops

to the rest of our vocational agriculture class.

When contest time came, our many hours of drilling came shining through. At the West Texas State University contest we placed second as a team and in the Amarillo District, contest also held at Canyon, we placed second. Individually, Virgil sixth and I placed first. Several weeks later we went to Lubbock for the Texas Tech contest and the Area I contest. At Tech we placed sixth as a team and I was eighth high individual. We placed fourth in Area I.

We did well at contest, but the thing of greatest importance to us was the experience in the knowledge of crops which will be of great value to us when we become farmers.

animals, plants and soils, which may be disrupted at any moment by the failure of any of them. Land spoilation has evicted nations and can do it again. As long as six virgin continents awaited the plow, this was perhaps no tragic matter.

A harmonious relation to the land is more intricate and of more consequence to civilization than the historians seem to realize. Civilization is not, as they often assume, the enslavement of a stable and constant earth. It is a state of mutual and interdependent cooperation between human animals, other

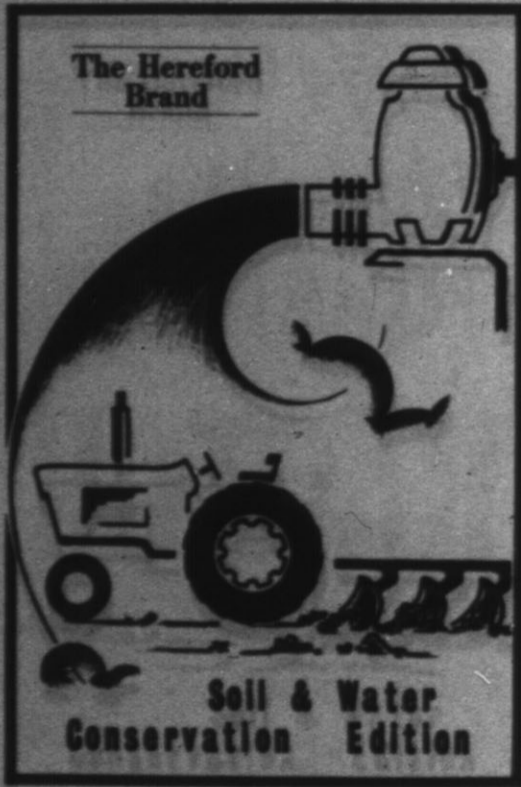
The best thing that ever happened to the American forest was the depression. The total cut fell from 37 billion board feet in 1929 to 10 billion in 1932. The trees had a chance to rest. It was like a shattered army reforming when the enemy runs out of artillery shells.



THE LUTHER LESLY farmstead takes on a holiday atmosphere during this snow storm. The one row Red Cedar windbreak is on north side of the house. (SCD Photo)



RONALD MATTHEWS, a 25-year employee of the Soil Conservation Service is shown above operating some of the heavy equipment needed in building farm ponds. (SCD Photo)



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Luther Lesly Is Supervisor For Tierra Blanca



LUTHER LESLY

Luther Lesly has been with in the soil conservation district now for about 12 years. He farms north of Hereford, and presently is in control of about 1200 acres.

Lesly practices the usual conservation measure on his land, those of water conservation, crop rotation, and the use of grasses.

He was born on a farm and has been there ever since. He has farmed the land he now has since 1947.

His ambition is, "Whenever I leave or quit it, I want the land to be more productive than it was when I got it." He says that he has his farm working on this basis.

Supervisors on the board have several responsibilities, and among these are: 1. Promotion of soil and water conservation; 2. Coordinator of activities of all local conservation organizations; 3. District management and operation of heavy equipment used in soil conservation work; 4. Represent the SCD in all meetings and affairs; and 5. to be a part of the boards concern in developing agricultural legislation that won't hurt the conservation farmer.

It took nature undeterminable thousands of years to bring the earth to the state in which mankind has known it. In the United States, the white man, by un-economic and unscientific use of natural resources, had undone in three centuries—and mostly in one century—a great deal of the work that nature had accomplished. Only by hard work, scientifically directed, can we repair the damage in time.

In the spring of 1934, the farms of the Dust Bowl—which included western Oklahoma, western Kansas, eastern Colo-

rado, the panhandle of Texas, soil was lifted from the Great Plains, never to return, and clear out to the Atlantic Ocean, 2,000 miles away. On a single spread the maximum of damage was 300 million tons of rich top soil and discomfort.—Stuart Chase.

HEREFORD, TEXAS
Total Precipitation (Inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann'l
1937	0.24	0.10	1.40	0.40	7.01	3.71	2.99	2.51	2.39	0.03	T	0.35	21.13
1938	0.21	1.85	0.31	0.76	3.59	3.24	3.43	0.11	2.25	5.62	0	0	21.37
1939	2.38	T	0.29	1.73	2.09	2.40	0.21	4.05	1.14	1.10	0	1.45	16.84
1940	0.38	0.44	0.09	1.01	3.03	0.96	0.17	1.07	0.56	T	4.01	0.18	11.90
1941	0.03	0.28	2.12	1.73	8.05	4.24	4.30	1.52	3.93	11.77	0.21	0.77	36.95
1942	0.13	0.03	M	M	M	M	M	M	M	4.76	0	1.07	-
1943	T	M	T	1.51	1.47	1.61	3.82	0.58	1.55	0.11	0.40	3.35	-
1944	0.54	0.60	T	1.55	2.44	2.98	3.00	2.53	1.93	0.85	0.32	0.88	17.62
1945	0.43	0.06	0.31	1.07	0.13	0.58	1.16	5.78	2.06	0.68	0	0	12.26
1946	1.25	T	0.16	1.17	0.56	0.72	1.53	2.84	2.25	5.10	0.03	0.27	15.88
1947	0.22	M	0.43	1.36	6.49	0.87	0.55	2.84	0.21	0.07	0.43	1.15	-
1948	0.34	1.68	0.21	0.28	4.93	1.25	0.76	3.77	2.71	0.84	1.28	0.02	17.97
1949	2.15	0.61	0.14	2.33	8.82	3.63	3.04	2.05	1.61	1.32	0.02	0.47	26.19
1950	0.02	0.03	T	0.46	1.02	2.00	8.60	3.31	4.79	1.54	T	0.02	21.79
1951	0.60	0.86	0.35	0.29	5.35	3.24	2.04	0.59	1.26	1.64	0.32	0.43	16.87
1952	0.70	0.08	0.26	2.27	0.77	3.03	3.34	1.37	0.38	0	0.74	0.60	13.54
1953	0.40	0.06	0.77	1.19	1.26	0.05	2.61	1.94	0.47	5.21	0.24	0.34	14.54
1954	0.10	0.03	0.12	1.19	2.20	3.68	1.58	2.04	0.37	1.72	0.04	T	13.07
1955	0.22	T	0.01	0.83	2.15	0.78	2.17	1.36	2.35	0	0.07	0.07	10.01
1956	0.03	1.70	T	T	1.99	1.40	0.79	0.72	T	1.08	0	0	7.71
1957	0.15	1.05	2.34	1.33	1.60	2.72	0.42	1.21	0.25	3.76	0.85	0.02	15.70
1958	1.77	0.73	2.81	1.98	1.36	2.63	5.68	2.45	2.85	1.00	0.88	0.17	24.31
1959	0.06	0.07	0.43	1.43	2.31	3.83	1.95	3.43	1.17	1.98	0.23	4.57	21.46
1960	1.54	0.80	0.60	1.59	0.68	5.63	7.92	1.68	2.11	4.33	0	1.24	27.92
1961	0.28	0.30	2.29	0.20	0.80	1.84	2.57	2.05	1.20	0.55	2.10	0.28	14.46
1962	0.86	0.66	0.54	1.21	0.52	5.70	3.57	1.09	1.87	1.08	0.56	0.36	18.02
1963	0.20	1.04	0	1.29	3.34	5.17	2.30	5.83	0.86	0.68	0.87	0.31	20.43

M - Missing
T - Trace

PRECIPITATION records are always interesting to native and visitor alike. Above records show Hereford moisture totals by month beginning with the 1937 records and ending with 1963.

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Drouth Of '30's Made Farmers Conscious Of Soil Erosion

De. W. C. Johnson

In June 1963 the 22nd crop of wheat was harvested from the stubble mulch experimental plots at the Southwestern Great Plains Field Station, Bushland. When these plots were established the Texas Panhandle, and the whole Great Plains, was recovering from the drouth of the 1930's. The memory of fields hummocked by drifted dust, of ranges scoured bare by wind, and of black dust clouds capable of turning noon sunlight into darkness was still fresh in everyone's mind.

A few years before, as the drouth wore on year after year in the 1930's, apprehension mounted that the weather pattern developing was really the normal state of affairs for the Southwestern Great Plains and the wetter years of the 1920's were a vagary of nature which was not apt to be repeated. The climatological records were studied with renewed interest. Tree ring hydrology was taken up as a means of extending the knowledge of climatic fluctuation beyond recorded times. Several facts came into focus:

- (1) Periodic droughts and wind erosion are an essential and unavoidable feature of the Plains climatic type.
- (2) The drouth of the 1930's was by no means unique in length or severity, and
- (3) The period from World War I to 1930, during which most of the cultivated land had been plowed out of grass, was a time of above normal rainfall and farming methods which had been satisfactory before the drouth might not be the best for the future.

The development of agriculture in the Southwestern Great Plains has been a process of adaptation to climate. Because of the drouth of the 1930's, farmers became erosion conscious and made a critical appraisal of their farming methods. Stubble mulch farming was suggested as a way of tilling the soil without destroying the natural wind erosion protection.

Experiments with stubble mulch farming were begun. Simultaneous with the Bushland experiments other pioneering research with stubble mulch farming was started in Nebraska and in Missouri.

An early problem in the stubble mulch experiment was to develop a sweep plow with adequate clearance but yet enough strength to plow a thoroughly dried out Pullman clay loam soil the first time after wheat harvest. In the early days several experimental sweep plows were designed and built at the Southern Great Plains Field Station. One of these plows, which had rolling coulters and 30-inch sweeps, is shown (1) plowing in sorghum stubble of an irrigated border, and (2) plowing in the 6500 lbs per acre of wheat stubble from the memorable 1949 wheat crop. The 1949 wheat crop yielded 40 bu/A on fallow land and provided the best test to date of trash clearance plow and drill. Another picture (3) shows wheat being drilled in this same stubble in the fall of 1949 after it had been plowed three times with the sweep machine. A conventional shovel drill seeding in 14-inch rows was used successfully, but it was obvious that this was about as much straw as this seeding equipment would go through. One of the high-clearance drills with

chisel openers available today would have been more satisfactory.

The appearance of the stubble from the 1949 wheat crop on June 17, 1950, after being plowed four times with 30-inch sweeps (4) and with the one-way plow (5) is shown. The swept land had 57 percent of the original straw. In (6) the appearance of a delayed fallow plot on the same date as (4) and (5), June 17, 1950, is also shown just after the first cultivation with the sweep plow. Although the stubble was erect and much more impressive in appearance on the stubbled delayed fallow plot with one cultivation than on the stubbled plot with four cultivations, the actual weight of straw was about the same in the two cases. Apparently the major factor in reducing the weight of the straw was weathering during the winter rather than cultivation.

The early day sweep plow although crude by today's standards did a satisfactory job and served a need in its time. However, a farmer today can obtain from commercial sources equipment which does equally as good work and at the same time due to hydraulic controls, improved hitches, and other sophistication in design is definitely more satisfying to operate.

At first there was concern that stubble mulch farming would cause difficulty in weed and insect control. More than two decades of experience have dispelled this apprehension and for years sweep-type plows have been used exclusively for all tillage in the general farming operation at the Bushland Station. The effectiveness of stubble mulch farming in reducing soil blowing has also been amply demonstrated.

Compared to onewaying, stubble mulch farming has given slightly higher yields. The following are the 1942-1963 yield averages:

Tillage	Yield, bu/A
Continuous wheat	
Qneway plow	9.1
Stubble mulch	10.0
Wheat on Fallow	
Oneway plow	12.9
Stubble mulch	15.3

In 1963, a poor wheat year because of drouth and cold damage, stubble mulched wheat did especially well and yielded 10.5 bu/A on fallowed land compared to 7.4 bu/A on onewayed fallow. Soil moisture samples showed that the stubble mulched soil yielded better because it was wetter at seeding time. It has usually been true that in a wet summer, such as the summer of 1962, stubble mulched fallow land stores more moisture than one wayed land. When precipitation is average or below there is not apt to be much difference in moisture storage due to method of tillage. The average yields given in the above table seem low but are representative of what the wheat farmer has experienced in the past 22 years. As the graphs show, the low average yields are largely caused by repeated crop failures in the 1950's. The graphs also serve to illustrate the year to year variability of dryland wheat production in the Texas Panhandle.

There are several questions remaining about stubble mulch farming for which only the passage of time will provide an answer. Take, for instance, the importance of the effect of method of tillage on soil fertility. In some wet summers with luxuriant weed growth — the summer of 1950 was a good example — weed growth on land with a history of oneway plowing differs from weed growth on land which has been stubble mulch farmed. Broad leaved weeds, such as pigweeds, tend to be relatively more numerous on onewayed land while the weeds on stubble mulched land are more of the grassy type. In 1950 weeds growing on onewayed land were shorter and stockier and darker green in color

than on stubble mulched land, and chemical analysis showed them to be higher in protein and total mineral content. This was not a very surprising result since it has been repeatedly shown by chemical soil analysis that stubble mulched land, probably because it is less thoroughly aerated in cultivation, usually is lower in available nitrogen. The possibility that the difference in the composition of the weed population was a fertility effect was therefore suggested.

In 1955 fertility trials were begun on the stubble mulch plots to determine whether the longtime use of continu-

ous clean and stubble mulch tillage had caused a difference in response to commercial fertilizers. Different combinations of nitrogen and phosphate fertilizers were tested. The fertility trials were discontinued in 1960 because of a lack of response of dryland wheat to fertilization, regardless of the method of tillage used. Since it is planned to continue the stubble mulch plots for an indefinite period, it will be possible to repeat the fertility trials in later years if it develops that fertility differences due to type of tillage become more pronounced.

(Continued on next page)



SCS Says Soil Losses Running To \$3.8 Million

Soil erosion in the United States is resulting in losses costing more than \$3.8 million a year. Directly or indirectly, YOU, the American taxpayer, must pay this bill.

Soil erosion losses are measured in terms of lowered soil productivity on farms and ranches; damage from siltation of reservoirs and depletion of fish in streams; damage within cities from floods and stream-bank erosion; and damage to watersheds supplying water for municipal and irrigation users.

These losses are purely monetary and do not include the serious effects of soil depletion upon the physical and moral health of the people.

Your Soil Conservation District has been organized to check erosion losses. See the district supervisors or representatives of the Soil Conservation Service about a complete soil and water conservation program for your land.

The long range objectives of

Soil Conservation Districts are to promote coordinated efforts of landowners, operators, businesses, organizations and others to:

1. Protect and promote the general welfare of the people in the District by conserving soil and water resources — a basic agricultural asset.

2. Provide for the people of the District a means by which they can work together in determining their conservation problems and in establishing their cause of action in the solution of these problems.

3. Make assistance available in the field of soil and water conservation of landowners and operators in the District from all local, State and Federal agencies qualified and authorized to provide such assistance.

4. Encourage every farmer and rancher to become a conservationist and a co-operator with his local Soil Conservation District.

5. Bring about the use of each acre of agricultural land within its capabilities, and the treatment of each acre of agricultural land in accordance with its needs for protection and improvement.

—DROUTH (Continued from page 34)

ed. Actually, there is reason to believe that the small wheat yield advantage of stubble mulched over onewayed land to date may be due to the effect of a lower level of nitrogen fertility in bringing vegetative growth more in balance with moisture supply.

When land is plowed out of the virgin sod and placed under cultivation, in the first few years there is a rapid loss of soil organic matter or humus until about 30 percent of the original amount is gone. The loss of humus continues at a decreasing rate until eventually the annual addition of organic matter equals the annual loss and there is no further change. It has been noted that on the stubble mulch plots at the Southwestern Great Plains Field Station the loss of humus has been more rapid on land farmed in a wheat-fallow-wheat system than on land farmed continuously to wheat. Also, the loss of organic matter is slower on stubble mulched than on onewayed land. Whether the type of tillage used will have a bearing on the equilibrium level of soil organ-

ic matter remains to be seen. The importance of soil organic matter lies not only in its role as a source of plant nutrients but also in its beneficial effect on the physical properties of soil. As far as tilth is concerned, the typical hardland soil of the Texas Panhandle — dense, slowly permeable to water, and quick to crust — leaves much to be desired.

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