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HAPPY NEW YEAR
Our sincere best wishes to each of our friends in this community and a hearty thanks for your patronage
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Public Health News Notes

On August 1, 1962, the Plainview-Hale County Health Department began operation. This fact should be of interest to every man, woman, and child in Plainview and Hale County because it is your Health Department. It is supported by your tax money and will succeed or fail largely on the strength or weakness of the support given it by the people of the area.

Just how was the Health Unit started? The Texas State Department of Health received notice that the doctors, city and county officials, and interested citizens of Plainview and Hale County were concerned about the general public health of the area. Upon evidence of such local interest, representatives from the State Health Department met with local authorities to explain the procedures to be followed in establishing a local health unit.

A Board of Health was authorized and appointed, being composed of four members appointed by the City of Plainview and four members by the Hale County Commissioner's Court. The Mayor of Plainview and the Hale County Judge are ex-officio members. The members of this board at present are: Messrs. Ray D. Blair, chairman; Hardy Shelby, vice-chairman; Edgar Brown; Joe Mayo; Oliver Harmel; Mrs. Mary Wadzeck, secretary; and Drs. Randall Heye and Ray W. Freeman.

A budget was prepared, with local funds to be provided on an equal basis by Plainview and Hale County, and State funds in the form of salaries to be provided

by the State Health Department. The next step was to find a qualified person to serve as director of the health unit and this was accomplished in July when Dr. Joseph T. Marshall accepted and was approved for this position.

Article 2. What Is Public Health?
Public health is defined by the American Medical Association as "the art and science of maintaining, protecting, and improving the health of the people through organized community efforts." Another definition given by the eminent public health author, Dr. Charles Winslow, includes, "preventing disease — prolonging life — promoting physical health and efficiency." From these and other definitions it may be seen that public health, or community health practice is more preventive than curative.

Of course there are many individuals and organizations which are concerned, directly and indirectly, with "keeping us healthy" as individuals and families. Your private physician does routine physical examinations, recommends diets and exercises for his patients, the schools have health programs, and books and magazines provide information on the preservation of health and well-being. These services are usually available on an individual basis.

There are some phases of preventive care that are too big for the individual to handle. One of the first of these that comes to mind is the subject of water. Since so many of our people live in incorporated communities, it is not practicable for each family to have its own water supply. So we have "public" water systems and these must provide sufficient and safe supplies of water if the health of the people is to be preserved.

Incorporated communities also provide sewage disposal systems and these require expert maintenance in order to provide continuously satisfactory service and to prevent disease outbreaks as well as to reduce nuisances from bad odors.

The community's milk supply is of great concern to all. Since this is one of the most important foods, it is easy to see the necessity for care in handling. Many years ago we had milk from herds that were infected with tuberculosis, and the result was many people crippled by tuberculosis of the bovine type. Brucellosis (undulant fever) is another disease that man contracts from cows. Milk is one of the foods most easily contaminated and diseases such as diphtheria, scarlet fever, or other strep infections and the staph infections may be contracted from milk. In order to prevent these diseases, it is necessary to maintain a rigid inspection of all sources of milk that is sold in a given area.

Other foods and their handling can be sources of disease and for this reason inspections are made of eating and drinking establishments, and other places that sell or prepare food. A separate service is the inspection of slaughter houses where meat is prepared for sale.

Another side to the prevention of disease concerns garbage collection and disposal. It is known that several diseases are carried by flies, mosquitoes, and other insects and any condition that contributes to the breeding and multiplying of these insects becomes a matter of concern to the general public. Insects pay no attention to property or precinct lines and this makes control of them a large public health problem.

Other preventive measures include immunizations (vaccinations), etc. In case of epidemic or under some other situations, immunizations are given by a public health unit on a mass scale but in others they are restricted to those who for one reason or another do not obtain such services from the private physician. In cases of infectious diseases, it is sometimes necessary that the case be isolated for the protection of others and the enforcement of this measure becomes the duty of the health unit.

Other services along preventive lines are prenatal clinics, well-baby clinics and conferences for teaching purposes.

In case of an epidemic, or disease outbreak, the health department plays an important part in epidemiological investigations to determine the source of the outbreak, mass immunizations, medical, nursing and sanitation services and the legal responsibility for enforcing necessary regulations.

Cooperation can be expected from the health department at all times with all individuals or agencies responsible for the health and welfare of the people. Duties that

are often included in public health work are: (1) filing and maintaining vital statistics records; (2) rabies control; (3) occupational health; (4) inspection of nursing care homes; (5) health education; (6) dental health; (7) mental health; and (8) health services in disasters.

Article 1
Communicable Disease Control: Immunization Clinics.
Everybody in Hale County has been familiar with the campaign against polio this by means of Sabin oral vaccine (Sabin Oral Sunday). Types I and II were made available to all ages in centers in Plainview, Hale Center, Abernathy, and Petersburg. Great interest was aroused in the program and the response was most gratifying. There are other immunizations which are at least as important and the local health unit is asking the public for their enthusiastic and extended support in this program.

Immunizations offered by the health department are for smallpox, diphtheria, whooping cough, tetanus, and polio (Salk vaccine). Since some of the county's school systems require immunization for smallpox and diphtheria before the child enters school, the level of immunity for these infectious diseases is rising, especially if "booster shots" are continued during the school years.

The age-group which needs greater attention is that one which includes infants and pre-schoolers. In order to reach more of this group who have not obtained their injections from private physicians, immunization clinics are being established in a number of the communities of Hale County. For example, the following schedule is in operation at present:

Plainview — Health Department office at 10th and Ash, each Thursday, 2-4 p.m.
Hale Center — Community Center, 3rd Wednesday, 2-4 p.m.
Petersburg — American Legion Hall, 4th Friday, 2-4 p.m.
Abernathy — American Legion Hall, 2nd Tuesday, 2-4 p.m.

The experience of the public health nurses in these clinics is that a large number of all age-groups represented is found to be unvaccinated for smallpox. This means that they never have been vaccinated; others are in need of repeated vaccination. Most of the pre-school children have not received protection provided by the combined diphtheria-whooping cough-tetanus vaccine; some of the school children need booster doses for diphtheria and tetanus. As for polio, many pre-schoolers have received two doses of the oral Sabin vaccine but no Salk vaccine.

This situation is brought to public attention at this time because of these findings and because the winter and spring months ahead carry special danger from these infectious diseases. This warning needs to be given to every family where there are infants and older children who have not received all the protection available.

Cooperation Between Local Health and Welfare Units.
Many people confuse the health and welfare departments. This is an understandable situation for there are some similar features in the programs and naturally there are some overlapping. The welfare agencies in Hale County were already in operation when the health department was organized and have been most helpful to the health unit staff. There is much work for each of the units to do and close cooperation is already paying dividends.

When a welfare agency investigates a request for welfare assistance it frequently finds that the person or family also has a health problem. The health problem may be the cause of the welfare problem or at least aggravates it. Because the welfare and health units are becoming familiar with each other's functions and resources, each can feel free to make referrals to the other. By combining forces in such cases, assistance may be more rapid and complete.

The needy family may be one where the wife is seriously ill and the small children have no one to look after them while the husband is working. The welfare unit asks the health unit to assist in determining the needs and in arranging for the necessary medical care of the mother. Welfare may find it necessary to secure a homemaker to care for the children and the household during

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part of the day. The public health nurse, in the course of her visits, may find that the children need immunizations for diphtheria, etc., and the children can be brought to the clinic at a later date.

A family may have come in for immunizations and the nurse uncovers the fact that one of the children has a serious physical condition which requires special hospitalization elsewhere. Consultation with welfare may provide transportation, extra clothing, etc., for the patient to be able to go to the distant hospital.

There are only examples of the problems which arise and reach the welfare and health units but they indicate some of the types encountered. There is a tremendous job to be done in finding solutions to them. The welfare and health units are finding that they can increase their effectiveness through teamwork.

Individuals and organizations who know of welfare and health needs in their community are requested to furnish as much information to these agencies as possible.

Diphtheria Prevention
Stress is laid on the importance of immunization for diphtheria at this time. Although it is present all seasons it reaches its peak in the late fall or early winter. There has been a very active campaign in Hale County for several years to get all children protected against this acute and serious disease. However, there are families moving into the county every month and some of the children in these families have not received the necessary injections for diphtheria.

If we wait until cases are being reported before having children immunized, we are needlessly exposing them. While the shots are under way, several weeks must elapse for the building up of adequate protection in the blood. Many mild cases of diphtheria show nothing more than a slight sore throat or a nasal discharge and therefore we might have a number of these cases in the community without their being recognized. In addition, cases of diphtheria, whether mild or severe, may be carriers of the germs for some time after recovery and may transmit the disease to the unsuspecting contacts who lack immunity.

According to the latest report on diphtheria in Texas, about 80 cases have been reported for 1962. While this is less than the number for last year, it is still a number which is distressingly large. Death occurs in 5 to 7 percent of all cases. The highest incidence of diphtheria is found in school children—from one-half to two-thirds of the cases. The pre-school group accounts for half of the deaths.

Diphtheria is usually transmitted directly from the source, whether an acute or mild case or a well carrier, to the new victim who inhales the infected droplets breathed out or coughed out by the case or carrier. Spread is therefore favored by all factors that bring people together, especially crowding.

Immunization is the most effective measure in diphtheria control. This is given during the first year of life, frequently around six to eight months but earlier if the child can be brought back for booster shots at the end of a

year. It is dangerous to wait until the child reaches school before having the shots. We must not forget that the child reaching school unimmunized must be protected just as the younger ones.

Parents are urged to have their children immunized by the family physician as a part of their regular medical care. Where this cannot be done, the nearest immunization clinic operated by the local health unit. Parents should bring their children if possible themselves; otherwise they should furnish signed requests for the injections.

Whooping Cough Prevention
Whooping cough, known also as pertussis, is an acute infection of the breathing passages. It begins as an ordinary cough which becomes increasingly severe. The characteristic whoop at the end of a spasm of coughing may develop after the second week. Some cases fall to whoop and others show only a very mild cough. Pertussis in small children is often complicated by pneumonia.

Whooping cough is one of the most important causes of death in small children and outranks all other infectious diseases except pneumonia. Over 90 percent of deaths occur during the first 3 years of life. Though present at all seasons of the year, it reaches its peak in the winter. To date in 1962, over 1700 cases have been reported in Texas.

The source of infection is in all instances previous cases of the disease. Healthy carriers have not been found. Possibly the majority of the cases show a very mild cough without the whoop. These missed cases are a most important source because they escape detection and go about freely in the community.

Because there is no resistance to whooping cough at birth as with diphtheria, cases appear during the first month of life and the majority of the deaths during the first year. The seriousness of the disease is due not to the primary infection but to the complicating pneumonia. Whooping cough is usually introduced into a family by a child of school age.

For active immunization, three injections are given about a month apart. The vaccine is most commonly given in the form of a multiple preparation, mixed with diphtheria and tetanus toxoids. This is usually begun at about three months of age to obtain the benefits of the earliest possible protection. Booster doses are recommended a year later and again at school age. The use of the combined diphtheria - pertussis-tetanus preparation permits immunization against all three diseases at the same time, without increasing the number of injections.

Tetanus Prevention
Tetanus, commonly known as lockjaw, is an acute irritation of the nervous system due to a poison produced by the tetanus germ. It is a rather rare disease under ordinary conditions of life in this country but the death rate may be as high as 50 percent.

Tetanus is more common in rural agricultural areas than in the modern city. Sometimes tetanus of the newborn occurs as the result of careless handling of the stump of the umbilical cord. Infection occurs at the site of a

(Continued on Page 7)

THROUGHOUT the year we often think of all our friends. But we seldom get the opportunity to say the things we have on our mind.

As we welcome the approach of the New Year we want to say "Thank you" for the privilege of serving you. It was a pleasure made richer because of your friendship. We appreciate your confidence in us and will uphold it to the best of our ability during the coming year.

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CITY CLEANERS

Abernathy

Abernathy (Texas) Weekly Review Thursday, Dec. 27, 1962 Page 3

STATE CAPITAL Highlights AND Sidelights by Vern Sanford TEXAS PRESS ASSOCIATION

AUSTIN—Capital city folks already are getting "Inauguration Fever."

"Inaugural plans for Governor-elect John B. Connally will be far more elaborate than any held in the past decade." So reports Frank Erwin, secretary of the State Democratic Executive Committee, who is in charge of arrangements.

Festivities will begin the evening of January 14 when 5,000 Democrats are expected to pay \$25 a plate for a Victory Dinner in Austin's Municipal Auditorium.

On the morning of the 15th, there will be an interfaith Prayer Breakfast in the Driskill Hotel.

At noon Governor-elect Connally

and Lieutenant Governor-elect Preston Smith will be "sworn in" in a ceremony supervised by the State and House of Representatives.

Inaugural parade, following the ceremony, is expected to be one of the largest ever held in Austin. High school bands from all over the state are accepting Connally's invitation to participate. Many out-of-town floats also will participate. Also taking part will be the U. S. Navy, with a salute to its former secretary, John Connally.

The Capitol and all state buildings on its grounds will be illuminated that evening. All Texans will be invited to greet their new chief executive and other elected

state officials and enjoy refreshments and entertainment in the Capitol.

This gala evening is a brand new innovation.

TEXTBOOKS SELECTED—State Board of Education voted to accept the State Textbook Committee's recommendations for new texts in 13 public school courses, and approved its recommendation not to select new economics texts at this time.

In compiling a list of some 65 textbooks for selection by local boards, the 15-member committee studied 188 books submitted by 33 publishers, with the assistance of 517 professional advisors and 400 laymen.

Texas Education Agency experts in 10 fields then reviewed their selections and submitted some 400 suggested corrections, which the publishers agreed to make.

Most of the corrections refer to typographical mistakes and minor factual errors.

State Library agreed to keep a copy of each recommended text so that they will be available to individuals who may want to protest acceptance by local school boards.

Board of Education also will send samples to local boards, according to enrollment: one set for 500 pupils; 16 sets for 10,001 to 50,000 pupils; etc.

Local boards must appoint their selection committees by December 15.

REPORT POSTPONED—House Textbook Investigation Committee postponed completion of its final report to the next Legislature for the second time.

Committee, headed by Rep. W. T. Dungan of McKinney, will meet on December 27. Then each of its five members will submit individual reports on hearings held in Austin, Amarillo and San Antonio.

Decision to make separate reports from each committee member underscored the squabbling which has beset the committee since it began public hearings last January.

Committee voted to exclude mention of a Dallas hearing, where former Maj. Gen. Edwin A. Walker testified, since Representative Dungan was the only member present.

RABIES DOWN—State Department of Public Health reports that the incidence of rabies is decreasing.

For example: the number of rabies cases reported between January 1 and September 30 of 1963 was 1,336. Reports for the same period in 1962, nine years later, totaled 448.

No cases of rabies in bats were listed from 1963 to 1956. But they numbered 26 this year.

Dogs were the animals most frequently infected with rabies. Foxes followed second.

Only 15 cases of rabies in humans have been reported over the past 10 years.

EIGHT DAYS AGAIN—Texas Railroad Commission has set an eight-day oil allowable for the 11th month in a row.

January was the last month that oil producers were allowed to operate prorated wells on a nine-day allowable.

Texas Independent Producers and Royalty Owners proposed fractional-day orders.

A spokesman for the Texas Landowners and Independent Producers Association said his group will ask the Legislature to change the market demand law so the Railroad Commission can set allowables on a basis of Texas'

share of national oil reserves.

But Chairman William J. Murray Jr. stated that the commission believes it now has the authority needed "to set allowables as high as the market will take." He added that the commission would go to fractional days, or to a percentage, if such a step is needed.

Murray also said that a plan for tougher new test requirements in the East Texas field is being devised by the commission.

ENROLLMENT UP—Number of students attending local state-supported junior colleges increased 15.3 percent over the past year to reach a total of 42,991 on October 15.

Thirty-six of the 37 colleges showed an increase in enrollment.

But Lee College at Bayton showed a decrease of 7.6 percent. It's students now are attending San Jacinto College in nearby Pasadena, where enrollment boomed by 59.5 percent.

State Board of Education voted to appoint a commission to study criteria for the establishment of new junior college districts.

BUS, TRUCK SPEEDERS—Texas truck and bus drivers are worse speeders than passenger car drivers. So reports the Texas Highway Department.

Speed recording tests made by the Department shows truckers are the worst offenders with an average speed violation record of 78.3 percent exceeding the legal speed limit.

Department's annual speed survey shows busses came next to truckers in speed-limit disregard. Their average was 63.7 miles per hour.

Average speed of passenger cars was 55.1 mph—within the limits of 60 mph during the daytime and 55 mph at night.

PRE-CHRISTMAS SURPRISE—A quarter of a million Texans have received a pre-Christmas surprise.

The aged, the blind and the disabled got a raise in their public assistance checks from state welfare agencies.

Increase amounted to \$9 per month for the 7,000 old folks on maximum relief. Minimum was not less than \$3. Top now is \$82

a month.

LAND INVENTORY—State school land and mineral ownership is being inventoried.

Land Commissioner Jerry Sadler reveals that close examination of over 153,000 separate files is half completed.

He reports that during 1874-1951, school lands were sold under dozens of different statutes.

Sadler estimates that "a mineral estate of 4,000,000 acres was reserved in these transactions."

This, with riverbeds, submerged lands, the University domain and the almost 900,000 acres held outright by the state, create the 22,000,000-acre total endowment for public education.

MAJOR REPORTS READIED—The House General Investigating Committee is reading three major reports.

Dep. Charles Ballman of Borger, committee chairman, says the reports concern Hurricane Carla insurance payments, alleged point-fixing in Southwest Conference basketball games and slant hole drilling.

FREE BUS RIDE—State Board of Education has approved a proposal to make more students eligible for free bus transportation.

Under this change any student living two miles from school and two miles from a franchised public transportation route may become eligible for free transportation.

TAX ILLS CURED?—Texas' new sales tax may have cured the state's financial ills.

Similar views on this subject have been expressed by James W. McGrew, director for the Texas Research League, and Sen. George Parkhouse of Dallas, chairman of the State and Local Tax Policy Committee.

The Parkhouse committee will recommend to the Legislature in January some changes, mainly corrective, in the 1961 sales tax act.

He predicted the committee will recommend more new tax exemptions than it will seek to abolish.

Parkhouse says the net result would be a small increase in revenue under the tax now raising \$170,000,000 a year.

TECHNICALLY ILLEGAL—When the Texas Senate convenes

in January it will take action which at the moment is technically illegal or unauthorized.

Senators will find themselves in a situation for which no written rule has been cited, in the initial business of getting organized.

There will be no lieutenant governor to call the body to order, name temporary officers or swear in new members.

There will be no holdovers, as a matter of fact, since all were elected this year.

Term of Sen. Krueger as president pro-tem will have expired. He, like the others, will start a new term.

There won't be a lieutenant governor until one week after the session starts.

Probably the selected president pro-tem, or at least some member who has previously taken his oath in private ceremonies, will be designated by the caucus to take the stand, appoint a temporary secretary and sergeant-at-arms and get the show going.

He can administer the oaths, etc., and then the Senate can go through the exercises prescribed by proper procedure.

HIDES FOR THERAPY—The Volunteer Services Council for Texas State Hospitals and Special Schools is urging deer hunters to donate hides of killed deer to state patients and students for occupational therapy use.

Council said shipping tags giving specific directions for donating the hides are available from most chambers of commerce.

Council arranges tanning and delivery of the finished leather to the State Hospitals and Special Schools.

Texas public schools enrolled 1,309,415 students and employed 60,330 teachers in 1948-49.

Texas public school enrolled 2,191,000 students and employed 96,200 teachers in 1961-62.

By 1967 Texas will need 190,000 teachers for an anticipated student enrollment of 2,459,000.



SPRING LOOK—Nelly Don's cotton-satin shirtdress with soft-pleated skirt is dramatized with wide, dooby-woven border of checks. The collar, cuffs, and bodice front are accented with stitched detail.

FOR A BRIGHT NEW YEAR

New Year's bells are ringing—ringing out the old, ringing in the new. We look forward hopefully, with you, to the future, and wish you all the blessings the bright New Year can bring.



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GREETINGS for the NEW YEAR



While we are remembering to thank you for your splendid cooperation, let us also extend our sincere wish that the New Year will bring happiness in abundance and the fulfillment of your greatest hopes.

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AMONG the good things bestowed by the passing year, our most valued ones are the friendships and good will of those we serve. We are grateful and wish you a most happy New Year.

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Miss Stiles and Mr. McLaughlin Marry Dec. 16

(From Last Week)

Miss Sondra Kaye Stiles became the bride of Donald Ray McLaughlin in a double ring ceremony at 3:30 p. m. Dec. 16, in Oakwood Methodist Church, Lubbock, read by the Rev. Billy Wilkinson, pastor.

Parents of the couple are Mr. and Mrs. H. G. Stiles Jr., 4016 46th St., Lubbock, and Mr. and Mrs. Pat Daly of Exeter, Calif.

Given in marriage by her father, the bride wore a dress of Chantilly lace and peau de soie designed with a bateau neckline, long petal point sleeves and a street-length tunic type skirt accented with scallops of the lace. Her elbow length veil of illusion fell from a headpiece of seed pearls, and she carried a bouquet of white carnations centered with red carnations.

Matron of honor was Mrs. Linda Ireland of Liberal, Kan. She wore a dress of red satin brocade with a fitted bodice having a scoop neckline and long sleeves. The dress was completed by a bell-shaped skirt. She added a matching hat and carried a bouquet of white gladioli.

Best man was Roy Chappell. Ushers were Mike Fleury and Artland Kaai.

A reception followed at the church. For a three-week trip to California, the bride wore a white wool sheath ensemble with red accessories and the corsage of red carnations from the bridal bouquet.

The couple will make their home in Lubbock. The bride is a graduate of Liberal High School in Liberal, Kan. She attended Texas Western College in El Paso and is now employed at Reese Air Force Base.

McLaughlin is a graduate of Exeter Union High School and attended the College of Sigouua.

The bride's parents formerly resided in Abernathy, and she is a cousin of Mrs. Virgil Phillips.

HAMPSHIRE SWINE CONFERENCE TO BE HELD IN LUBBOCK

Peoria, Ill. — Hampshire Swine Registry officials announce that plans have been completed for holding a Southwestern Hampshire Meat Hog Conference January 7 and 8 at the Panhandle South Plains Fairgrounds, Lubbock, Tex.

The conference program will include a banquet, special carcass contests, type discussion activities, a judging contest, a national show of breeding animals and barrows and a big sale of breeding animals.

Hampshire breeders from throughout the United States are expected to join Southwestern hogmen in the activities scheduled for the two day event.

T. D. Tanksley, swine extension specialist at Texas A&M College will judge barrows on the afternoon of January 7.

Breeding animals will be placed by Francis Callahan, well-known Milford, Ill. swine breeder and judge. Callahan will judge bred and open gilts on the afternoon of January 7. Boars will be driven the following morning.

Specialists from two Texas colleges will evaluate carcasses. On the carcass committee are Dale Zinn, J. B. Pruitt and Wandell

CHRISTMAS PARTY

Members of the Young Farmer Chapter and their families attended a Christmas party at the city hall clubroom Saturday night.

FIRE CALLS

Abernathy Volunteer Fire Department answered two calls Monday of last week . . . a grass fire on Fourth Street, and a feed stack fire two miles north and two miles west of County Line. The firemen went to a point just north of New Deal on Highway 87 early last Tuesday morning when fires on a truck trailer caught fire. They were called at 3 p.m. Sunday when tires on a truck trailer caught fire a half mile south of Abernathy on Highway 87.

Arthritis and the rheumatic diseases afflict fully 11 million people in this country, according to the 1963 March of Dimes, which seeks funds for medical care for patients and for research against these crippling.

Sixty-eight Texas counties have had increases in scholastic population ranging from 30 percent to 202 percent during the past ten years.

Birth defects occur in one out of 16 U. S. births, afflicting more than 250,000 babies each year. The 1963 March of Dimes seeks to fight birth defects by sponsoring research seeking causes and cures.

Kent, all of Texas Tech, Lubbock and G. T. King and R. W. Snyder, Texas A&M, College Station.

The type discussion committee will include Callahan, Tanksley, Bernard Ebbing, Rath Packing Co., Waterloo, Iowa; Larry Tackitt, Happy, Texas; Sears Koch, Jr., Anadarko, Okla.; Wilbert Meinhardt, Hudson, Iowa and Jim Walsh, Beloit, Wis., all Hampshire breeders.

Jesse Belle, Fresno State College, Fresno, Calif., will serve as moderator for the type discussion with the assistance of L. D. Wythe, Jr., Texas A&M College and Ronald Davenport, Texas Tech.

A judging contest will be held jointly with type discussion activities. The judging contest will include a division for ladies, men and juniors. Attractive, valuable prizes will be awarded the winners of each division. Everyone is invited to participate. John T. Crumley, Lubbock and O. L. Christie, Idalou are in charge of the judging contest.

The conference opens January 7 with the judging of hoof-carcass and certified litter barrows. Emphasis will be placed on an efficient, well muscled animal yielding a high quality, meaty carcass. Bill Jackson, Thomas Neely and Earl Madding of Lubbock will serve on the hoof-carcass and certified litter committee.

Other activities on opening morning will include the judging contest and the type discussion program.

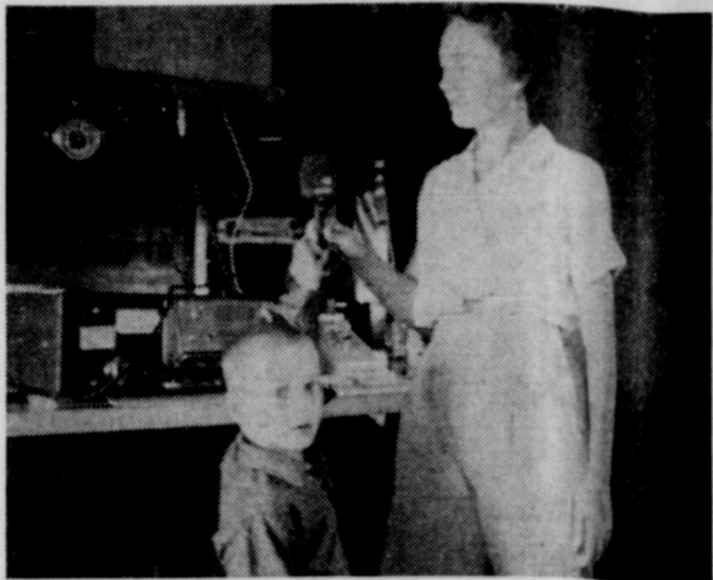
Monday afternoon activities are barrow, open and bred gilt shows, with a banquet at the Pioneer Hotel scheduled for the evening.

On Tuesday morning, boars will be exhibited, awards presented to contest winners and a carcass demonstration will be held.

The sale of breeding animals will close the conference on Tuesday afternoon.

Industrial Communications System Aids Farm Operations

Two-way radio communications systems are quite common for businesses, but are rare in agricultural use in this area. Hal Howard's Plains Gas of Abernathy has had a system for several years. Newton Radio & TV has a



MRS. ROY G. CANNON is shown here holding the mike unit of the General Electric two-way radio base station at their home, 1610 Ave. F, Abernathy. This base station serves mobile two-way units in the family automobile and two pickup trucks. Assisting with the mike is the Cannons' four-year-old son, Bobby.



ROY G. CANNON'S pickup is equipped with a General Electric two-way radio mobile unit which can communicate with the base station in their home and with two other mobile units.

ROY G. CANNON, who resides at 1610 Ave. F in Abernathy, and farms southeast of town and near Plainview, is one of the few farmers in this area using the industrial two-way radio systems. Cannon, whose farm operations are about average for this area, says the system has been valuable in his work. "I cannot put my finger on an exact dollar and cents value it has been in my operations," Cannon said, "but it is a convenience and a big trip saver," he added.

Cannon has his base radio communication system unit at his home in Abernathy. Mobile units are in the family automobile, his pickup and the pickup used by his farm employe, Roberto De La Santos, who resides on the farm southeast of Abernathy. The farm is served by Bell Telephone out of Lubbock and his home by General Telephone in Abernathy. The radio system allows instant and clear communications between Cannon in Abernathy and Santos on the farm. The system speeds up operations, including work instructions, parts orders, and in the rush harvest season, with Mrs. Cannon helping with cotton hauling, it proves very valuable. When she has trailer flats or other troubles in the cotton hauling, she uses the mobile unit in the vehicle to call Cannon.

The General Electric two-way radio communication system that the Cannons use definitely is not a "playing." Their set-up cost over \$4,000.00. And, they had to obtain a license from FCC to operate the special industrial communications system.

Cannon first tried a citizens band radio communications system but abandoned it as completely unsatisfactory for his operations. It was replaced by the present General Electric industrial band system, which has given good service.

Useful and serviceable range for two-way communications between the base station and mobile units is 25 miles, which places Cannon in touch with his farming operations near Plainview. Under certain weather and atmospheric conditions, two-way communications come in clear and sharp at 75 to 100 miles. On one occasion, which Cannon said was very rare, he communicated from the mobile unit in his automobile, while driving near Ok-

lahoma City, to the base station at his home in Abernathy. Communication range from mobile unit to mobile unit is 18 to 22 miles.

Normal upkeep and maintenance for the two-way communication system is about \$15.00 per year, Cannon said.

Panhandle Electric, represented in this area by Frank L. Brown, Jr., of Lubbock, installed Cannon's General Electric two-way

radio communication system. The company and Brown assist purchasers of the systems in obtaining license from FCC. Cannon says it takes from three to five months to obtain the FCC license. When a license is granted, the City of Abernathy will install a similar system, with a base station at city hall and mobile units in the police car, city water department pickup and one of the fire trucks.



MRS. ROY G. CANNON is shown here with the mike of the General Electric two-way radio system installed in the family automobile. This mobile unit can communicate with the base station in their home and with mobile units in two pickup trucks Cannon uses in farm operations.



ROBERTO DE LA SANTOS, employed on the Roy G. Cannon farm southeast of Abernathy, drives a two-way radio equipped pickup. The General Electric mobile unit keeps Santos in close contact with Cannon during farm operations. Santos' unit can communicate with the base station in Cannon's home in Abernathy and with two other mobile units owned by Cannon.



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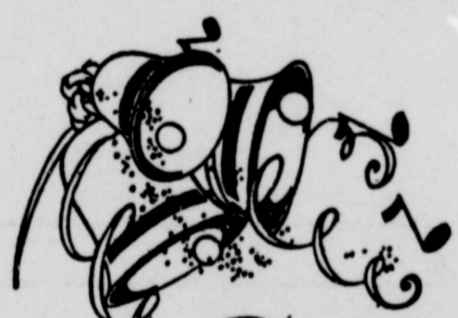


For Information, Please Contact

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