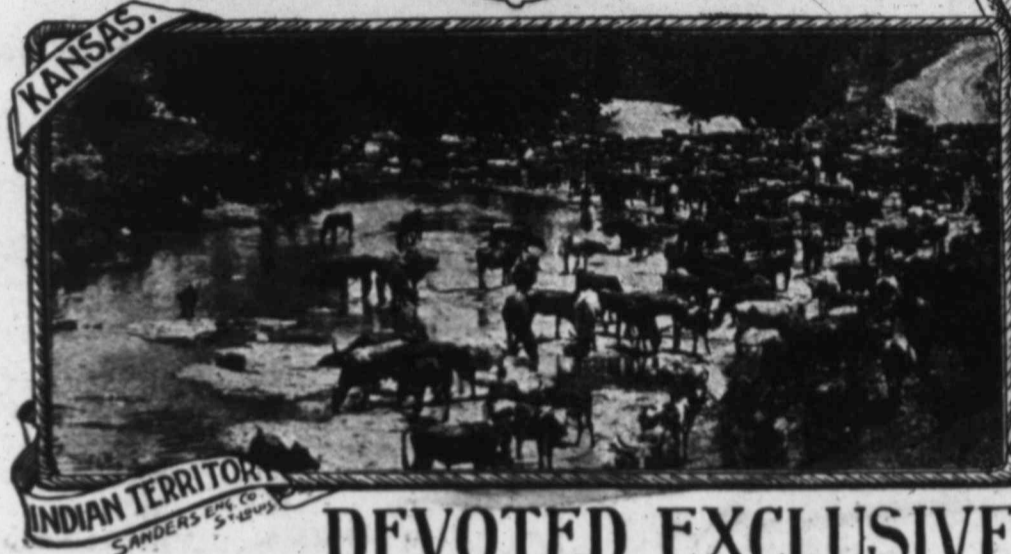


The LIVESTOCK



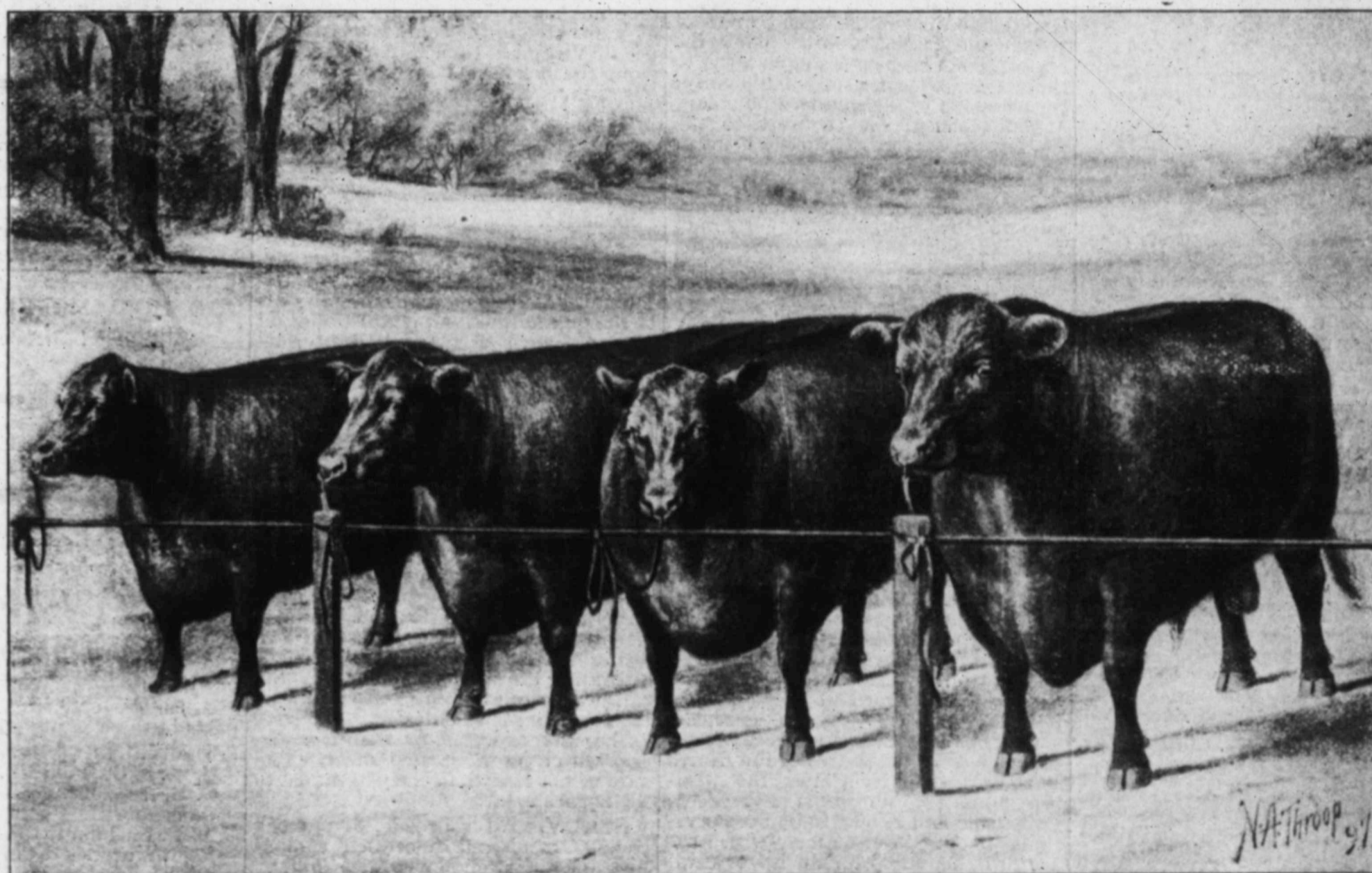
INSPECTOR

DEVOTED EXCLUSIVELY TO LIVE STOCK INTERESTS.

Fourth Year.
NO. 17.

Woodward, Oklahoma, Jan. 15, 1899.

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GROUP OF POLLED ANGUS CATTLE.—(By Courtesy of Journal of Agriculture.)

Convention Program.

SYNOPSIS of Program for Fifth Annual Convention, Oklahoma Live Stock Association, Feb. 14-15, 1899. Subject to correction and changes of minor importance in succeeding issue:

TUESDAY, FEB. 14,

9:00 a. m.—Business Session by Members of the Association only.—Reports of officers for past year.—Election of officers for ensuing year.—Discussion of needed legislation and quarantine regulations, inspection at the markets, and short talks by members. Adjournment for one hour noon at 12:00 m.—Session adjourn at 3:00 p. m. until 5:00 p. m.

5:00 p. m.—Welcome Address. Response by President Wilson for Association; by Governor Barnes, and by chairmen of delegations of Guests. Adjournment.

7:30 p. m.—Lecture by Hon. J. M. Coburn, Secretary Kansas State Board of Agriculture, and by Hon. James Wilson, Secretary of Agriculture of the U. S. Music, and Recitations. Adjournment.

WEDNESDAY, FEB. 15,

9:00 a. m.—“Black Leg in Cattle and its Prevention”—Harold Sorby,

of Chicago, American Agent of Pasteur Institute of Paris, France. Discussion.

10:00 a. m.—“Splenic or Southern Fever”—Col. Albert Dean, Secretary of Bureau of Animal Industry of U. S. Discussion.

11:00 a. m.—“Lump-Jaw in Cattle and its Cure”—W. J. Fleming, of Chicago. Discussion.

12:00 m.—Adjournment.

1:30 p. m.—“Our Foreign Meat Trade”—Bernard W. Snow, of Chicago.

2:00 p. m.—“Live Stock in Oklahoma”—Gov. C. M. Barnes.

2:30—“Where are We At in the Cattle Business?”—Col. L. A. Allen, of Kansas City.—Discussion.

3:00—“Relation of Commission Men to Producers”—Col. G. W. Campbell, Kansas City. Discussion.

3:30—“Benefit of Competitive Markets”—W. R. Dulaney, Wichita, Kansas. Discussion.

4:00—Quick Transportation and its Effect on Trade”—Eli Titus, Kansas City.

5:00—Five Minute Talks, by commission men on “Cattle Securities.”

6:00 p. m.—Adjournment.

8:30 p. m.—Cattlemen’s Ball, given free to members and guests.

Final adjournment subject to will of Convention.

A Reminiscence.

Ah, Mate, my old horse, we grow old, you and I,
We have heard the faint click of the whips in the sky
The whips of the riders up there, far away,
Who ride on the round-up for God all the day,
But I know we are ready, Would God we could go,
Ere the last of the grand trails are fenced here below,
Ere the stock whip is silent, the chaparral torn,
The mesquite plowed under and planted in corn.

'Tis no more than ten years, my Mate, since we rode
From the Alamo banks to where Rio Grande flowed,
And with never a fence nor a farm in between;
Just the blue sky above, at our feet the fair green,
Of the prairie; fresh air in our lungs, Not a sound
Broke the primitive silence that reigned all around,
Save the crack of a whip, or a Colt, now and then,
Or the neigh of a broncho.

But then, that was ten
Years ago.
Now farms dot the plain; the grand trail
Is deserted—those plowboys ship cattle by rail!
Where the horns clustered thick, where the whips
rang like shots,
Rolls the cattle car now, close to city town lots,
Where we camped in the night under God's own
blue sky.

Rolls the smoke of the factory.
So, you and I,
My Mate, we are both of us passed in the race,
We are played out and useless. There's no place
For us here. The steers are all fenced up in corrals,
The calves are all branded.

And now we two old pals
Who have ridden the prairie these many years,
Who have roped in and driven some thousands of
steers
In our time, we must step out of file. It is hard!
But we go with fair Nature, whom man ever marr'd;
We are soil of the prairie, we two, horse and man,
When they tear up the prairie, they tear horse and
man;

When they fence in the prairie, our breath comes
and goes
With a gasp, for they tie up our hearts with those
Cedar post stakes.

But it can't be long till the boss
Of the great ranch above will compel you to toss
Me clear up from the saddle to receive his own
brand.

You have never bucked once since I broke you,
Mate,
But you'll do it for me on that last, solemn day;
Yes, you neigh; and I think, good old horse, that
you'll go.

To some paradise fit for a cowboy's broncho,
Ah, well! we must wait till the round-up in the sky
Reaches us, and the whips crack; grow loud, then,
good-bye.
—J. Percy Pollard.

Quarantine Proclamation.

By the Governor Proclaiming the Rules and Regulations of the Live Stock Sanitary Commission for the year 1899, in accordance with an Act of the Legislative Assembly of the Territory of Oklahoma, Approved March 9, 1897, entitled, "An Act to Provide for the Protection of Domestic Animals; for the Creation of a Live Stock Sanitary Commission, Rules and Regulations; to Provide Penalties for Violations of the Same; and to Repeal Provisions of the Session Laws of the Territory of Oklahoma for the Year 1895."

WHEREAS, The Live Stock Sanitary Commission, in accordance with an act of the Legislative Assembly of the Territory of Oklahoma, approved March 9, 1897, entitled, "An Act to provide for the protection of domestic animals; for the creation of a Live Stock Sanitary Commission, rules and regulations; to provide penalties for violation of the same; and to repeal chapter 50 of the session laws of the Territory of Oklahoma for the year 1895," did on the 21st day of December, 1898, make the following rules and regulations:

RULES AND REGULATIONS CONCERNING CATTLE TRANSPORTATION.

To the Managers, Agents and Employees of the Railroad and Transportation Companies in Oklahoma, Stockmen and Others:

RULE I. You are hereby notified that the Live Stock Sanitary Commission of the Territory of Oklahoma have determined that all of that part of the United States lying south, west and east of the quarantine line described and defined by Rule II is an infected area containing contagious and infectious disease, known as southern or splenic fever, and liable to affect the cattle and that no cattle from said infected area or from points above said line when said cattle shall have originated from points below said line defined in Rule II, within thirty days next preceding, shall be permitted to come within the Territory of Oklahoma

at any time between January 1st and December 31st of the year 1899, except under rules and regulations as hereinafter prescribed:

RULE II. All that country lying south, or below, a line beginning at the northwest corner of the State of California; thence east, south and southeasterly along the boundary line of the said State of California to the southeastern corner of said State; thence southerly along the western boundary lines of Arizona to the southwest corner of Arizona; thence along the southern boundary lines of Arizona and New Mexico to the intersection of the southern boundary of New Mexico with the international boundary line at the Rio Grande river; thence southeasterly along the said international boundary to the southwest corner of the county of Pecos, Texas; thence following the western boundary of Pecos county to the southeast corner of Reeves county; thence following the boundary line between the counties of Pecos and Reeves to Pecos river; thence southeasterly, following the Pecos river, to the northwest corner of Crockett county; thence east along the northern boundary of Crockett and Schleicher counties to the southeastern corner of Iron county; thence north along the eastern boundary of Iron county to the northeast corner of said county; thence north to the southern boundary of Coke county; thence west to the southwest corner of Coke county; thence north along the western boundary of Coke county to the southern boundary of Mitchell county; thence east to the southeastern corner of Mitchell county; thence north along the eastern boundary of Mitchell county to the northeast corner of said county; thence east along the southern boundaries of Fisher and Jones counties to the southeast corner of Jones county; thence north along the eastern boundary of Jones county to the northeast corner of said county; thence east along the southern boundary of Haskell county to the southeast corner of said county; thence north along the western boundary lines of Throckmorton and Baylor counties to the northwest corner of Baylor county; thence east along the southern boundary of Wilbarger county to the southeast corner of said county; thence north along the eastern boundary of Wilbarger county to the Red river; thence continuing in a northwesterly direction along the course of said river and the northern boundary of Texas to the southeast corner of Greer county; thence northerly following the course of the North Fork of the Red river along the western boundary line of the Apache, Comanche and Kiowa Indian reservations to its intersection with the southern boundary line of Roger Mills county; thence east along the southern boundary line of Roger Mills and Washita counties to the intersection with the boundary line of the Wichita Indian reservation on the Washita river; thence north along the western boundary line of said reservation to its northwest corner at its intersection with the Canadian river; thence in a southerly direction along the course of said river to the southeast corner of Pottawatomie county; thence north along the eastern boundary line of said county to intersection of the North Canadian river; thence east along said river to the intersection of the western boundary line of the Creek Indian reservation; thence north on said western boundary line of said Creek reservation to the northwest corner of said Creek reservation, and the southern boundary line of Pawnee county; thence east along said boundary line to the southeast corner of Pawnee county at the point of intersection with the Arkansas river; thence up the course of said river to the point of intersection with the eastern boundary line of the Missouri Otee reservations; thence south along said boundary line to the southeast corner of said reservation; thence west on southern boundary line of said reservation to the southwest corner of said reservation; thence north along the western boundary line of said Missouri

and Otee and Ponca Indian reservations to the point of intersection with the southern boundary line of Kay county; thence east on said boundary line to the Arkansas river; thence in a northerly direction following the course of said river to its intersection with the thirty-seventh parallel north latitude at the southern boundary line of Kansas; thence east along the southern line of Kansas to the southeastern corner of Kansas; thence southerly along the western boundary line of Missouri to the southwestern corner of Missouri; thence easterly along the southern boundary line of Missouri to the western boundary line of Dunklin county; thence southerly along the said western boundary to the southwestern corner of Dunklin county; thence easterly along the southern boundary line of Missouri to the Mississippi river; thence northerly along the Mississippi river to the northern boundary line of Tennessee at the northwest corner of Lake county; thence easterly along said boundary line to the northeast corner of Henry county; thence in a northerly direction along the boundary of Tennessee to the northwest corner of Steward county; thence in an easterly direction along the northern boundary of Tennessee to the southwestern corner of Virginia; thence northeasterly along the western boundary line of Virginia to the northernmost part of Virginia; thence southerly along the eastern boundary line of Virginia to the northeast corner of Virginia where it joins the southeastern corner of Maryland at the Atlantic Ocean.

RULE III. Each car carrying cattle and carrying the same in the course of transportation from said infectious area into or through that part of the Territory of Oklahoma north and west of the quarantine line, defined in Rule II, must have a placard firmly attached stating in bold letters, "This car contains southern cattle," and the stock yard slip or stub and way bill of said car shall be marked plainly, on the face thereof, the words "Southern Cattle."

RULE IV. Cars that have carried infectious cattle shall be thoroughly disinfected before being loaded with non-infectious cattle, or before being set out on any side track or in any railway yard. Such disinfection shall be by removing all litter and manure, washing the cars, the feeding and watering troughs with water until clean, saturating the walls and floors of the cars with a solution made by dissolving four ounces of chloride of lime to each gallon of water, or disinfect the cars with a jet of steam under pressure of not less than fifty pounds to the square inch.

RULE V. All railroads, live stock transportation and stock yard companies and their employes are hereby forbidden to transport, drive or in any way handle cattle in that part of the Territory of Oklahoma north and west of the quarantine line defined in Rule II of these regulations, except in compliance with the within rules under the penalties of the following statute, viz: Section 13, chapter 31, of the session laws of the Territory of Oklahoma, of 1897, which section reads as follows: "Any person or corporation who shall in violation of any of the rules, regulations, orders or direction of the Live Stock Sanitary Commission, or any of its live stock inspectors, fixing, establishing or maintaining quarantine lines or local quarantine rules and regulations within this Territory against contagious or infectious diseases of a malignant character, drive, lead, move, drift, ship or in manner transport any live stock across said lines or any of them, or violate any local quarantine rules and regulations or in any manner interfere, interrupt or obstruct the Live Stock Sanitary Commission or any of its live stock inspectors in the discharge of their duty, shall be guilty of a misdemeanor, and shall, for each offense, upon conviction, be fined in the sum of not less than one hundred dollars nor more than one thousand dollars, or be imprisoned in the county jail for not less than thirty days nor more than one year, or may be punished by both such

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fine and imprisonment, and shall be liable to a civil action for all damages caused by violation of this act."

RULE VI. All stock yard companies and all employes of railways doing business in the Territory of Oklahoma north and west of the quarantine line herein defined in Rule I, are hereby ordered not to load non infectious cattle into any cars that have carried infectious cattle before they have been cleaned and disinfected according to the above orders. This order will be enforced under the provisions of section 12, chapter 31, of the session laws of the Territory of Oklahoma of 1897, which section reads as follows: "It shall be the duty of the railway corporations doing business in this Territory and they are hereby required to disinfect the shipping pens and cars used by them in transporting live stock through this Territory, in such manner and at such times and places as said Commission may order and designate; and any such corporation violating any of the provisions of this section shall be liable to a penalty of not less than one hundred dollars and not more than five thousand dollars for each violation of any of said regulations or rules of said Commission, to be recovered in a civil action to be prosecuted by the Attorney General or under his direction in the name of the Territory of Oklahoma, in the district court of Logan county, Territory of Oklahoma, or any county where such violation may have occurred."

RULE VII. Notice is hereby given that cattle infested with the boophilus bovis (southern cattle ticks) disseminate the contagion of splenic or southern fever, (Texas fever); therefore, cattle which are infested with boophilus bovis (southern cattle ticks) shall be considered as infectious cattle.

RULE VIII. No person or corporation shall be permitted to drive, lead, move, drift, ship or transport cattle from parts of the Territory of Oklahoma south and east to the parts of the Territory of Oklahoma north and west of the adopted United States quarantine line, as modified for the Territory of Oklahoma which is defined as follows: Beginning at the Red river at the southeastern corner of the county of Greer; thence northerly following the course of the North Fork of the Red river along the western boundary lines of the Apache, Comanche and Kiowa Indian reservation to its intersection with the southern boundary lines of Roger Mills and Washita counties to the intersection with the boundary line of the Washita Indian reservation on the Washita river; thence north along the western boundary line of the said reservation to its northwest corner at its intersection with the Canadian river; thence in a southeasterly direction along the course of said river and the northern boundary of the Wichita Indian reservation to the northeast corner of said reservation; thence easterly along the southern boundary of Canadian county to the southeast corner of said county; thence north along the eastern boundary lines of Canadian and Kingfisher counties to the northeastern corner of Kingfisher county; thence east along the southern boundary of O (Garfield) county to the northeast corner of said county; thence east along the southern boundary line of Kay county to the west line of the Ponca Indian reservation; thence north along the west line of said reservation to the northwest corner of said reservation; thence east along the northern boundary of the Ponca Indian reservation to the Arkansas river; thence in a northerly direction following the course of said river to its intersection with the thirty-seventh parallel of north latitude at the southern boundary line of Kansas, at any time between January 1st and December 31st for the year 1899, except cattle passing through the Territory on railway in transit under the laws governing interstate commerce, unless said person or corporation shall possess a permit from the inspectors or officers of the Department of Agriculture of the United States, which said permit shall describe said cattle by brand, color and sex which shall be first filed and approved by the sec-

retary of the Live Stock Sanitary Commission of this Territory.

RULE IX. Cattle from parts of the United States lying south and below the quarantine line as defined in Rule II, may be admitted at any time of the year into that part of the Territory of Oklahoma south of the United States quarantine line as defined by Rule VIII, after the same have been dipped in a vat containing oil—the oil and manner of dipping prescribed by this Commission and cattle from said area and from said part of the Territory south of the said United States quarantine line as defined in Rule VIII, may be admitted into that part of the Territory north and above the said United States quarantine line at any time of the year under such rules and regulations as described by the Department of Agriculture of the United States and this Commission. Applications describing said cattle by number, sex, color and brands should be made to the secretary who is hereby required to record the same.

RULE X. The Territory of Oklahoma is hereby divided into three districts with boundaries as follows:

District No. 1 shall be constituted as follows: All of the territory embraced within the boundaries of Grant, Kay, Garfield, Noble, Pawnee, Logan, Payne and Lincoln counties. Address the inspector of said district with post-office address at Ponca City, O. T.

District No. 2 is constituted out of all that territory embraced within Potawatomie, Cleveland, Oklahoma, Kingfisher, Canadian and Blaine counties. Address the inspector of said district with post office address at Oklahoma City, O. T.

District No. 3 shall be constituted as follows: All of the territory embraced within the boundaries of Beaver, Woodward, Day, Roger Mills, Greer, Washita, Custer, Woods and D counties. Address the inspector of said district with postoffice address at Weatherford, O. T.

RULE XI. The live stock inspectors are hereby directed to enforce these regulations and to arrest all parties who may be guilty of violation thereof and to appoint such deputy inspectors from time to time as may be required under the law, upon the approval of such appointment first had and obtained by the Secretary and President.

The foregoing and within rules and regulations were adopted and approved by the Agricultural and Mechanical College Board of Regents of the Territory of Oklahoma at a meeting called to meet and had in the town of Stillwater on the 31st day of December, 1898, with the following members present adopting and approving the same as the Live Stock Sanitary Commission of the Territory of Oklahoma:

B. S. Barnes, president, Ponca; R. J. Edwards, secretary, Oklahoma City; C. J. Benson, Shawnee; J. C. Tonsley, Weatherford; W. J. Wikoff, Stillwater.
B. S. BARNES,
R. J. EDWARDS, President.
Secretary.

Now, therefore I, C. M. Barnes, Governor of Oklahoma Territory, in pursuance of the authority vested in me by said act of the legislative assembly, do hereby declare said rules and regulations to be in force and effect, and do proclaim all that portion of the United States lying south, east and west of said line described in the foregoing rules and regulations to be in a state of quarantine, and all persons are forbidden from loading, moving, drifting, shipping or transporting from that country lying south and east of said line to parts of the Territory of Oklahoma north and west of said quarantine line.

All officers charged with the execution of the laws will see that the above rules and regulations are strictly enforced.

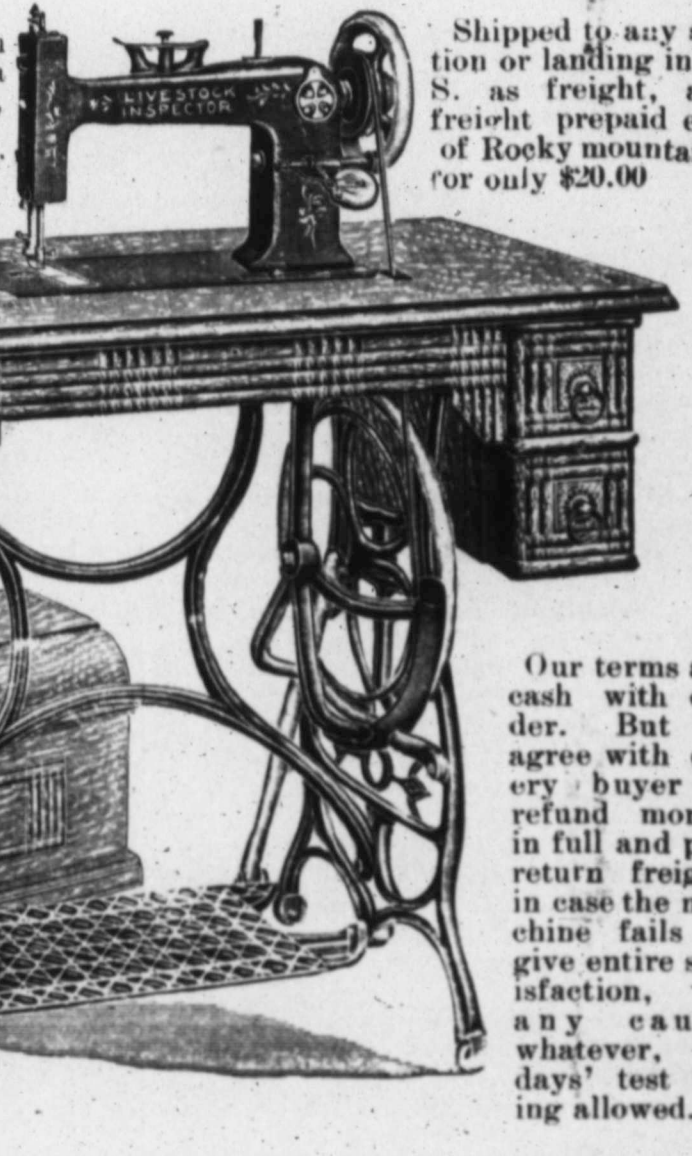
Done at the City of Guthrie, in the Territory of Oklahoma, on this, the 23d day of December, 1898.

C. M. BARNES,
Governor.
By the Governor: WM. M. JENKINS,
Secretary of the Territory.

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Our terms are cash with order. But we agree with every buyer to refund money in full and pay return freight in case the machine fails to give entire satisfaction, for any cause whatever, 30 days' test being allowed.

Our knowledge of other machines as compared with this, makes it entirely safe for us in claiming that there is no better family sewing machine manufactured. It may have equals at an exorbitant figure, but we take no second place with any of them.

It has been our ambition to reach the top notch of excellence with this machine, and we are now satisfied the feat has been accomplished.

The very best make of JOHNSON'S SELF-ADJUSTING STEEL ATTACHMENTS, that fasten direct on the presser bar, accompany each machine. Other grades can be used when necessary, the machine being adapted to use of all makes.

It is a full high arm, and costs only \$20.00, with INSPECTOR one year. FREE for 50 yearly subscribers at \$1.00 each.

A descriptive circular will be sent to anyone desiring further particulars.

Live Stock Inspector,
Woodward, Oklahoma.

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Furniture & Undertaker's Goods.

Buy Your Hardware of a Hardware Man.

And you will get the best BARGAINS. I carry the largest line of all the above goods and will compete with all.

WOODWARD, OKLAHOMA

MONEY IN ASPARAGUS



By H. W. Bucklee, Rockford Seed Farms, Rockford, Ill., P. O. Box 305.

On account of its extreme eagerness asparagus always sells well and maintains a strong market value. Every thrifty market gardener will find an acre or more of asparagus one of the very best investments. For the family garden it is one of the indispensables. It is a vegetable that keeps growing more in favor and paying better every year.

There is no easier vegetable to grow than asparagus, and beds when once established yield more and pay better each season. As a long distance shipping vegetable it ranks among the very best. The plain truth is this—it makes money for the grower, yields a profit for the middleman and most of all pleases the consumer.

Variety to Plant.—The Columbian Mammoth White is the most satisfactory variety in cultivation. Not only are the stalks of the largest size but they are produced abundantly and very early. They are nearly clear white in early growth and remain so in favorable weather until three or four inches above the surface. This sort commands an extra price, not only on a fancy market, but from canners who find that when put up under a special brand it sells so readily at a higher price as to warrant them paying the grower an extra price for growing it.

Size of Plants.—We prefer to use only well grown two year old stock.

Soil.—The soil on which asparagus plants are transplanted must be made very rich. From one to two hundred loads of rich stable manure to the acre—well plowed in—makes a good start for a good crop. Select a good sandy loam sloping to the south, if possible, the ground should be plowed as deeply as possible and furrowed off from four to five feet apart. Ground thus fitted enables the roots to take hold at once which is of great importance as the more strength and size gained on the roots each year places you that much ahead, and enables you to secure a good profit from your bed the second season after planting.

How to Plant.—We usually set the plants in early spring—as soon as ground can be worked—eighteen inches apart in the furrows which have previously been prepared, with

the rows four feet apart; will require 8000 plants to properly plant an acre. As illustrated there is a right and a wrong way to plant. It requires a little



more time to set the roots in proper shape, but it pays. The roots should be spread apart as shown in "Right Way" illustration and the crown covered with four inches of earth. By shallow planting crops come earlier



than if planted deeper. After planting has been done ground should be properly leveled and good cultivation given throughout the season. The bed should be well cleaned every autumn and salted

at the rate of one barrel of salt per acre—as this stimulates the roots and retards the weeds. A good dressing of manure should also be given every fall.

Bleaching.—The young shoots can be bleached and made extremely tender by covering with straw or leaves and I would suggest that planters give this method of bleaching at least a trial as it is a worthy method.

How to Cut.—Use a sharp knife and cut even with ground—as four times as many bunches can be secured as when cut below the surface. Late cutting

is not advised, as the roots will become exhausted if the shoots are not allowed to develop; remember the leaves are the lungs of the plant.

Bunching.—The sprouts should be of good size when cut. Arrange in bunches eight inches long which should measure four to five inches across the butt end. After they have been neatly cut and tied, place the butts of the bunches in trays of water one inch deep, taking care to keep the tops dry. This prepares them for their journey to market and they arrive in nice condition when they are handled in this way.

Packing.—Use a light, new, clean case that will hold about two dozen bunches. Stencil your name on each case, for if your asparagus pleases the purchaser your stock will always be in great demand and command a higher price than poorly grown asparagus.

Final.—This vegetable has been neglected until late years, but at the present time with such growing demand I predict a handsome income for all who grow it. Many growers have realized from \$500 to \$2000 per acre and are growing it exclusively. I am positive it will pay every one interested in the garden to make a start at once. No garden however small should be without this truly good vegetable.

The Wolf Bounty Question.

The Denver Stockman has this to say under the above heading:

From all parts of the northwestern range country reports of depredations by wolves are unusually numerous this year. The Northwestern Stockman of Rapid City, South Dakota, says that C. K. Howard, president of the Western South Dakota Stockgrowers' Association, and one of the heaviest cattle men on the range, was interviewed and expressed the belief that the coming legislature would pass a bounty bill. "It is no more than just," said Mr. Howard. "Now last year I paid \$700 taxes in Stanley county. This was only for my cattle that ranged on this side of the reservation. Besides that sum I paid my usual amount in the Black Hills, and what protection do I get? We are in unorganized counties and have no legal protection. With all these heavy taxes paid into the state treasury we should have at least the protection that Montana and other states offer, which is \$8 bounty for each gray wolf. There are not as many gray wolves as many think. Last year I had two men detailed to do nothing but hunt them. They did good faithful work and succeeded in killing 157 wolves. On other portions of the reservation the ranchmen were working the same as I, and I doubt not there were in all 300 wolves killed. If the state would give \$8 bounty in addition to what the cattlemen would do, I do not believe there would be a thousand wolves killed all told. That would probably not exterminate them, but would so far reduce them in number as to be practically harmless."

Dipping Done Up.

The Bureau of Animal Industry has ordered dipping discontinued for the present and has stationed inspectors at the vats to pass upon cattle. Too many dead cattle was the cause of the order being made. It is claimed that results at Mammoth Springs were not so bad as at Fort Worth or East St. Louis. Doc Norgaard is still testing different dips, out near Corpus Christi, but dynamo oil as a disinfectant seems to be done up.

The LIVE STOCK INSPECTOR is on trail of a dip which will be better than anything used by Norgaard or the Bureau of Animal industry, and when it is proven next summer that it pans out all right will gladly make it known to the public. Experiments the past season with it proved its value as a destroyer of *Boophilus Bovis*, while it does not in the least injure cattle.

Meantime, the problem is vexing the best minds and the time when dipping will afford a safe bridge over the quarantine line seems as far distant to-day as in years past when experiments were first begun on this line.

St. Joseph Stock Yards Company, ST. JOSEPH, MO.

We are in the Market Every Day for Cattle, Hogs and Sheep.

We are especially bidding for range cattle and sheep, both for slaughter and feeding. Located on fourteen railroads, and in the center of the best corn and live stock district of the United States, we are prepared to furnish a good market for all kinds of live stock. Our charges for yardage and feed are—

YARDAGE:

Cattle, per head	20c	Horses, per head	20c
Hogs, per head	6c	Sheep, per head	5c

FEED:

Corn, per bushel	60c	Hay, per hundred lbs	60c
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Our packers furnish a daily market for all kinds of cattle ranging from canners to export cattle. Look up your railroad connections, and you will find them in our favor.

G. F. SWIFT, President,

JNO. DONOVAN, Jr.,

Vice Pres. and Gen. Mgr.

M. B. IRWIN, Traffic Manager.

T. P. GORDON COMMISSION COMPANY.

(Oldest Firm Here. Experienced Salesmen.)

T. P. GORDON,
GRAIN
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A SPECIALTY..

Live
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REFERENCE: First National Bank.
Write for information, and ship for Good Results.

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ELMORE & COOPER,

Live Stock Commission Merchants,

KANSAS CITY STOCK YARDS.

All trains or parts of same consigned to us are met at the Yards and cared for in best manner.

Money can be obtained at short notice on fat cattle.

Buy and sell on order. Experienced salesmen. Best results obtained.

NICK HUDSON, Solicitor, Woodward, Oklahoma.

SEED DUE BILL FREE

To get new customers to test my seed I will mail my handsome catalogue for 1909, lithographed and beautifully illustrated, and a 10c Due Bill, good for 10c worth of seeds for trial, absolutely free. It is full of bargains. All the Best Seeds, Bulbs, Plants, Roses, new Fruits, Farm Seeds, Potatoes, etc., at lowest prices. Ten Great Novelties offered without names. I will pay \$50. FOR A NAME for each. Don't buy your stock until you see this new catalogue. Several varieties shown in colors. Great inducements for orders this year. You will be surprised at my bargain offers. Send your address on Postal to-day. Tell your friends to send too. Old customers will receive a copy. S. B. MILLS, Seedman, Box 115, Rose Hill, N. Y.

Trade Mark



LUMP JAW NOW CURABLE.

Surely, quickly and for good. Fleming Bros., chemists, Union Stock Yards, Chicago, have a remedy that quickly cures the most obstinate cases. Supplied by mail under a positive guarantee. Price, \$1.00. Valuable information and full particulars FREE.

POULTRY DEPARTMENT.

LIVE STOCK INSPECTOR.

[This Department solicits items of news from each reader of the Live Stock Inspector. It will be the aim of the publisher to make it interesting and instructive and this can best be accomplished by your aid and assistance. Direct all communications for publication to **H. L. ROCHELLE, Editor Poultry Dept., Wichita, Kansas.**

When reply is desired outside the columns of Poultry Department, always enclose stamp in your letter to the editor. All business communications should be addressed to the publisher at Woodward, Oklahoma.

Poultry in Winter

Winter poultry pays best, but it requires very close attention and careful nursing to keep the hens laying all winter. I have proved to my satisfaction, that if hens are properly housed and fed and attended, they will lay more eggs during the winter in the same time, than they will at any other season. Hens are truly "egg machines" and may be made to produce to their utmost capacity if the machinery is properly handled.

In the first place good winter quarters must be divided as without this it is an impossibility to succeed to any great extent. It is in this like many other things—too many horses for the size of the stable; too many hogs for the size of the hog pen; too many cows for the size of the cow-stable and too many farm implements for the size of the implement house, but I believe the worst of all things is too many fowls for the little chicken coop, and this seems to be a general occurrence.

A great many fowls may be kept a sort of a way with but small accommodations, but I assure you they cannot be kept profitably, and if they cannot be kept thus, why keep them at all. There are always a lot of dead beats in every flock, and some flocks a much larger per cent of those than others. This occurs more frequently in scrub stock and such stock will rapidly run down and become worthless, so that the best of attention will not prove successful. In-breeding of poultry a few years will destroy any flock, and it does not take a few years to do it either, as one or two are sufficient. Farmers very frequently exchange cocks for breeding purposes with their neighbors hoping to get new blood, and to cross with stock not related, etc., and perhaps in nine times out of ten, it is simply a trade of in-bred stock for in-bred stock and nobody has gained anything I believe there is not a stock of fowls as bred on a farm usually, but should be banished totally every eight or ten years, even if the usual good care is given. A stock of profitable fowls can only be kept up by very close culling not only every year but just as often as you can discover a cull to remove. It will well pay everyone that keeps a flock of fowls to select a few of the best every season as breeders, and from those only, produce the entire flock for the season.

MANAGEMENT OF LITTLE CHICKENS.

Little chickens should not be removed from the nest and from the brooding influence of the mother hen, for from 24 to 36 hours after hatching. About all that little chicks need the first 48 hours of their life, is brooding, and if you have not been in the habit of thus managing, just try it for an experiment. There is a very great difference in the hatching qualities of hens, and it matters not how perfect an arrangement we have made in this respect, we take great chances on Biddy performing her work. Hens usually take proper care of their eggs during incubation if they are rightly provided for, but when it comes to hatch out the chicks and care for them properly a large per cent of them make a failure, and to see healthy and fully matured little chicks murdered in the nest by numbers, is more than a fellow can stand without putting his wits to the severest test. There are always a number of mother

hens in all flocks that attend to business properly and bring out every chick that the eggs are capable of producing, and save everyone of them without the loss scarcely, of a single chick. Now we can take advantage of this, and I have practised it to quite an extent. In the usual lot of setting hens we have one or more of these good mothers, and when a nest of eggs are just beginning to hatch I change places, or "swap" nests, and place the good mother that understands her business, on the eggs just hatching. I allow her to hatch and brood the chickens for 48 hours, after which I remove them to their former mother, or give them to any other that I see proper. I have kept such hens repeatedly hatching out chicks thus, until I have worn their patience entirely out, and some hens will endure it longer than others, but the most of them will continue to thus hatch out brood after brood and will do you in this invaluable service.

Heavy hens, such as Cochins and Brahmas, are good setters and the best at incubation, but when it comes to hatching them out, the light hen is always the best, and it is these I employ for the business. In arranging the setting hens I do not find it necessary to have each hen separately partitioned or warded off to herself, but I use small houses or rooms—say ten or twelve feet square with a ward to each one, and I keep from 6 to 10 or 12 hens as the case may be in each apartment, with feed; water and all conveniences necessary for them.

Get rid of poor layers.
Beware of the hidden nest.
Lazy people should not attempt to raise poultry.

Over crowding creates filth—filth creates disease.

A little fresh meat in the absence of insects is good.

No fowl should be allowed to get thoroughly wet except a duck or goose.

Washing eggs injures them by filling the pores of the shell and making it frailer and they will not keep so well.

Breed from your early moulting hens if possible. The young and over fat hens are weak and puny and their offspring will be the same.

There are three kinds of indigestion in poultry says the Farm and Fireside, one effects the bowels back of the gizzard, another the gizzard and the other the crop. Each requires quick treatment and attention.

Publish Your Cattle for Sale.

As an incident of Convention week, thousands of cattle will be bought and sold. In order to facilitate deals, the LIVE STOCK INSPECTOR will publish free in its issue of Feb. 1st a list of cattle for sale and name of owner so that purchasers and sellers may get together more readily at the convention on Feb. 14 and 15. To be published in this list, owners must send us word as to number and class of cattle not later than Jan. 25th at the very latest. It will cost you nothing to advertise cattle for sale on this list.

PUBLISHER,
LIVE STOCK INSPECTOR.

An exchange says a county in Ohio comes to the front with a grandmother only twenty-five years old. She was married when only 11 years old and her daughter was married at twelve and is now a mother. A guard will be stationed around the infant to prevent her from eloping, as it is reported several enterprising young yearlings are already mashed on her.

**H. L. Rochelle,
Breeder of
BUFF COCHINS...
Exclusively.**

Won all first, three second and one third at Poultry show held in Wichita, Kansas, December, 1897, with strong competition. A few birds for sale from my breeding pens. Eggs, \$1.25 per setting for balance of season. Send stamp for circular.

H. L. ROCHELLE,
Box 795, Wichita, Kansas.



Organized in **TEXAS** By Experienced Stockmen from the **GREATSOUTH WEST.**

A competent force of men in every department

We have Experienced Salesmen in all Departments.

Consign your stock to us. Write to us. Call and see us.

Market reports furnished. Liberal advances on consignments. Loans made on marketable stock

Campbell, Hunt & Adams



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National Stock Yards Illinois.

JACOB DOLD PACKING CO.,

...PORK & PROVISION JOBBERS.

Purveyors to the People of Oklahoma, Kansas and Texas, by common consent.

OUR SPECIALTIES: "White Clover" Pure Fancy Leaf Lard. "Perfection" brand Fancy Mild Cured Hams, Breakfast Bacon

Our sausage department is given special attention. We produce highest grade only. We may ask you a fraction more than other makers, but you may be certain

"IF ITS DOLD'S ITS THE BEST."

Look for the Stamp "MADE IN WICHITA."

Packing Houses:

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LIVERPOOL,
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Wichita Union Stock Yards Co.,
WICHITA, KANSAS.

...Capacity 8,000 Cattle
5,000 Hogs

Private Yards for Texans.
Perfect Sewerage and City Water.
All Pens Covered....

W. R. DULANEY,
Supt. of Stock Yards.

DR. WHITTIER, SR., 215 W. Ninth St., Kansas City, Mo.

Oldest and Original. Most successful specialist. Established 1857.
NERVOUS DEBILITY, Lost Vitality Organic Weakness, Early Decay, Lack of Energy, Self Distrust, Weak Memory, Dyspepsia, Exhausting Losses, Pimples on Face, Aversion to society, Loss of Ambition, Unfitness to Marry, Stunted Development, Lost Manhood, Milky Urine, effects of abuse or excess **Cured to Stay Cured.** My life long experience, special study of each case, pure medicines insure a REAL CURE. Question list No. 1, free in plain envelope. Charges Reasonable. Terms Easy. Call.
Blood and Skin Diseases, all forms Scrofula, Rheumatism, Catarrh, Eczema (itchy or scaly tetter), and all Blood Diseases, cured for life, safely and sure. Avoid patent medicines or inexperienced hands. Call or write for question list No. 2 on blood diseases.
Gonorrhoea, Gleet, Stricture, cured without instruments or pain. List No. 3 free.
Medical Dictionary and Adviser free at my office, by mail 2c. Hours 9 to 4, Sunday 10-12.

In Memoriam.

On or about the hour of 4 o'clock p. m. on Tuesday December 27th our community was thrown in the most thrilling sense of excitement, this locality ever had visited upon it.

While riding at full speed, our town's little favorite, Butler J. Hudson, was thrown from his horse having his left leg entangled in the stirrup, from which he hung suspended; his little head dangling against the heels of the frantic horse, whose viciousness, from fright, caused the animal to kick and paw with such rage and frenzy that no assistance could be rendered to save the cherished life of our dear amiable and sweet Butler Hudson.

Once more nature has made her circuit complete. This time the dial point is poised over the exit of one whom all had learned to love and adore. Alas! Now, we have none else but gloom, sadness and despair to supplant the bright memory of a little one whose buoyant spirit and prattling tongue radiated pleasure to all whom he met.

The misty sunshine is hanging over our view. The star of hope, seems now to have descended, carrying in its wake, the grief and anguish, of stricken parents and the lacerated hearts of brothers and sisters and dotting friends.

'Tis not only now that we are made to grieve. Nature's laws are such, that a constant flow of events are happening, leaving in their train, sorrow and loneliness of spirits.

Could we fairly view nature in her workings, we would be more resigned so the familiar acclaim, "Thy will be done."

While we should be submissive to natural occurrences, yet with us all, one fortitude fails to appease our heart felt emotions, especially, when the grim monster Death approaches our friends and demands of us to surrender to his hideous clutches our darling ones in whom our very heart strings are engrafted and make doubly welded, welded in love.

The thought is stifling, but we must say little Butler is of this earth no more. No more the petty anxieties of this life will disturb his little mind; no more will the little tottering self pursue the phantom illusions of this life.

While his dear life was made as happy as this life can be by dotting parents loving brothers and sisters, admiring friends and acquaintances, yet we dare to say that his transformed existence, away from this earth and its attendant distresses; its soiling pollutions and evils galore, is now enjoying that life so designed by our Creator, that is far more painless than the one he left and bid farewell.

'Tis indeed almost unbearable to think but a few brief moments had sped away ere I, myself, had him pressed to my embrace, feeling his childish heart throbbing its pulsations to my touch, yet for sorrow, how dismal is silence and the promise of no more.

We will sadly miss him, we will long remember his boyish prattle and, too, feel the keen sense of melancholy at the grievous thought of his never returning, but we should let the assurance overwhelm our grief, that he is now by far more happily surrounded than when he was with us.

We should think—at best, his life could not have been other than the ordinary existence of man filled with trouble and woe.

Let us kiss his memory "good by" and hope that the time may come when we will again see him over there where all is well with nature.

"There is no Death! What seems so is transition,

This life of mortal breath
Is but a suburb of the life elysian,
Whose portal we call Death."

—"UNCLE TOM."

Useful and Beautiful.

THE LATEST SOUVENIRS OF ARMOUR & COMPANY—FREE FOR THE COST OF POSTAGE AND MAILING.

Armour's Farmer's Almanac for 1899 is something entirely new in the

field of almanacs—a readable, valuable book of popular information, unlike the old style patent medicine almanacs one is accustomed to. It teaches much that is new and useful about the successful growing crops, vegetables and fruit in the field, garden and orchard; instructs intelligently as to the use of proper fertilizers, etc. It is printed artistically, its little jokes are clever and modern—it will remain a book of value to all the household throughout the entire year.

Armour's Army and Navy Art Calendar for 1899 is a series of six beautiful, large sized lithographs tied together with silk ribbons, illustrating the pleasant side of the American volunteers' life in several of its phases, and is the handsomest article of this kind ever given away by anyone, a real ornament to the room to which it hangs: Both the Almanac and the Art Calendar above described will be sent free to all readers of this paper who desire them and will enclose 15 cents in stamps to cover cost of packing and postage to Armour & Company, Chicago. When you write, please mention the LIVE STOCK INSPECTOR.

Easy to Understand.

Those who received Saturday's Drivers Telegram probably saw a statement from K. B. Armour relating to the experiment of J. J. Welder with one of the Armour bulls in the infected area of Texas. Mr. Welder desired to make a test that should determine the practicability of taking a young bull from the North and letting him grow up in the Southern climate. Previous reports had been spread abroad that the undertaking was very hazardous, but Mr. Welder wanted to demonstrate the fact for himself, so he chose a two-months' bull from the Armour herd and took him to Texas. As might be expected the calf contracted the fever early after the change, but fortunately he outgrew it, and since then has developed into a robust, healthy and vigorous animal. Of course Mr. Welder is elated, as is also Mr. Armour. Perhaps it is not fair to take one instance to use as an unerring rule, but this circumstance would seem to indicate that the chances for a young animal being successfully transplanted are a great deal more favorable than for one of riper years.—Drivers Telegram.

Members of the Oklahoma Live Stock Association who have heard Col. Dean's lectures at the last annual convention and the one preceding, will easily understand the above case. All who have not heard his lecture may do so at the coming convention in February. According to his theory unweaned calves do not die of fever from the fact that impaction of the stomach, which is the invariable result of splenic fever, cannot ensue on a milk diet. The infection therefore simply immunizes the calf from the disease later in life, when its diet is grass and grain. K. B. Armour and Mr. Welder should come to our next annual convention and hear Col. Dean discuss this subject.

Some Good Office Rules.

Don't talk! You may enjoy it but it bothers others near you. Talk only when alone, or when the business requires it.

Don't entertain your friends during business hours. If they do not care enough for you to call when you are not busy, there is no danger of offending them by refusing to stop work to visit with them.

Don't swear! It is useless proceeding and only induces nervous prostration.

Don't go to sleep during business hours. Energy is useful only when applied to steady effort.

Don't kick, unless you have cause sufficient. Then state complaint candidly and see where the fault belongs.

Be punctual. The habit of being behind will ruin any business. Be on time with your work and be just as prompt in demanding payment.

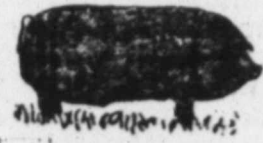
Remember, you are paid to work, and unless the work is done and done right, patrons refuse to pay and the business suffers. If you sell time, give honest measure.

BREEDER'S DIRECTORY.

R. S. COOK, WICHITA, KAS.

BREEDER OF

Poland-China Swine



corresponde invitedand.

The prize-winning herd of the great west. Seven prizes at the World's Fair; eleven firsts at the Kansas District fair, 1893; twelve firsts at Kansas State fair, 1894; ten first and seven second at Kansas State fair, 1895. The home of the greatest breeding and prize-winning boars in the West, such as Banner Boy 2441, Black Joe 2603, World Beater and King Hadley. For Sale, an extra choice lot of richly-bred, well-marked pigs by these noted sires and out of thirty-five extra large, richly bred sows. Inspection or

SEEDS ALFALFA SEED A SPECIALTY

Cane and Millet Seeds, Kaffir and Jerusalem Corn, etc. All crop of 1898. Write for our "How to Sow Alfalfa," and prices on seeds. MCBETH & KINNISON, Garden City, Kansas.

BE HUMANE and remove the horns of your herd and that of your neighbor's herd **BY USING** THE KEYSTONE **DEHORNING KNIFE**. Cuts clean on all sides, does not crush. One clip and the horns are off. Fully Warranted. Descriptive circulars FREE. A. C. BROSIUS, Cochranville, Pa.

Recorded Hereford Bulls.**40 Young Bulls For Sale.**

FRED COWMAN,

Lost Springs, Marion Co., Kans.

HEREFORD BULLS.

For 1898 service. Ancient Briton, Lord Wilton, and other leading strains.

C. G. COMSTOCK,
Albany, Mo.

Pure Bred

Hereford Cattle.

HILLSIDE RANCH, Woodward, Okla.

Fine Bulls for sale at all times. Singly or in Car Load lots

PATTON & MARUM.

Finer and Faster Than Ever.

The California Limited, Santa Fe Route, sold between Woodward and Los Angeles.

Time 2 1/2 days.

Pullmans, dining car, buffet car, smoking-car with barber shop, observation car with ladies' parlor. Electric Lighted.

Three Times a Week.

A. T. & S. F. Railway,

Woodward, Oklahoma.

Registered Bulls!

JACOB MADDOX, Jr., of Calloway county, Mo., has fine Cherry Red Missouri bred Bulls on feed at Pond Creek, Okla. He can sell you anything you want in Short Horn, registered or unregistered. Also in car lots White-Faced bulls from half-blood to 15-16. He has a few registered Short Horn Heifers. If you want anything in good blood, no matter what blood, Write him, or J. C. McCLELLAND, Pond Creek, Okla.

Prevent Blackleg In Cattle

by using Collier Williams Mixture. Easily applied and a sure preventive of Blackleg in cattle. For full information, price, etc., call on or address

COLLIER WILLIAMS,
Woodward, Okla.

(Please mention this paper.)

F. M. WOOD, Live Stock Auctioneer,

LINCOLN, NEBRASKA.

Attends Stock Sales Anywhere in United States
TERMS REASONABLE.

SEEDS

BUCKBEE'S SEEDS SUCCEED!

SPECIAL OFFER:
Made to Build New Business. A trial will make you our permanent customer.

Prize Collection: Radish, 17 varieties; Lettuce, 12 kinds; Tomatoes, 11 the best; Turnip, 7 splendid; Onion, 8 best varieties—53 varieties in all. GUARANTEED TO PLEASE.

Write to-day; Mention this Paper.

SEND 10 CENTS
to cover postage and packing and receive this valuable collection of seeds postpaid, together with my new instructive, beautiful Seed and Plant Book, tells all about the Best varieties of Seeds, Plants, etc.

N. W. Buckbee, ROCKFORD SEED FARMS, Box 206 ROYAL, ILL.

WE SELL DIRECT TO THE FARMER.
Hardened Steel Landside Double Board Plow, hard as glass, 16-in. \$9.

Hard Steel Castor Coupler with Plow, \$1.50 extra.

SAFEGUARD PLOW CO., Box 112, Alton, Ill.
Only Plow factory in the United States selling direct to farmer.

SAFEGUARD PLOW CO. Agents: Pullman, dining car, buffet car, smoking-car with barber shop, observation car with ladies' parlor. Electric Lighted. Three Times a Week. A. T. & S. F. Railway, Woodward, Oklahoma.

PERSONAL POINTERS.

W. M. Ferguson came down from Wellington the 16th.

Robt. Moody, banker at Canadian, Texas, was in the city Jan. 4th.

Craig Bros., cattlemen, was over from Beaver the 2nd on business.

R. J. Braziel, of Camargo, was in Woodward the 10th on business.

Robert and Jno. Turner of Gage were in Woodward Jan. 2nd and 3rd.

B. R. Stedman, of Watonga, Okla., was in Woodward on business the 11th.

Tom Doran has been appointed and qualified as under sheriff of Woodward County.

Master Walter Wright returned to his school at St. Joseph, Mo., on the 2nd inst.

Berlin Milholand, of Minco, was in Woodward transacting business the Jan. 3rd.

Cattlemen report little nutrition in the grass since the continued rains in December.

Geo. Gerlach, of the firm of Gerlach Bros., of Canadian, Tex., was here the 3rd and 4th.

C. E. Bridges, a prominent stockman, of Lipscomb county Texas, was in Woodward the 11th on business.

E. P. Wheat of Camden, Mo. is here to assist Treasurer Gerlach and act as assistant book-keeper of the Gerlach Bank.

Miss Flossie Berry who has been visiting in Emma, Tex., returned Saturday, accompanied by Miss Winnie Spooner.

W. B. Barnes, of Gage, was here Jan. 14, and paid his association dues. He reports a big attendance coming to the convention.

Emmet and Oscar Harper, of Ashland, Kan., filed on claims in this county Tuesday. They will go into the stock business.

Gov. Barnes and staff and the legislature of Oklahoma in a body are expected to attend the convention at Woodward next month.

Miss Florence Dennis, of Granbury, Tex., arrived in this city yesterday for a several weeks' visit with her sister, Mrs. Germany, and her many friends.

O. H. Cafky left Sunday for Weatherford, Okla., where has accepted a position as cashier of the bank at that place. His family will remain here for the present.

Charlie Hewin's house on his ranch south of town has been completed and he expects to move into it this week. The carpenter work was done by T. L. Borchardt.

L. O. Floyd, of Francis, Oklahoma, orders one of our premium LIVE STOCK INSPECTOR sewing machines sent to him. He reports cattle doing well in his vicinity.

Miss Lizzie Jackson returned to Woodward, Ok., yesterday. She pronounces herself as delighted with that section of the country.—Golden City (Mo.) Herald, Jan. 5th.

The little baby of W. S. Jones and wife, who has been sick at the Cattle King for over a week, died the 29th and was buried the 30th. Mr. Jones is foreman for J. R. Stinson.

Special delegates are coming from Kansas City, St. Louis, St. Joseph, Chicago, Wichita and Fort Worth, to the convention. Everybody else nearly is coming from everywhere.

L. M. Lowe is acting agent at Woodward now and may be continued permanently. He has the ability and will give general satisfaction in case the authorities keep him here.

Miss Agnes Brown who has efficiently aided as stenographer and local reporter in this office the past ten months, left Wednesday Jan. 4th for her home near Newton, Kan., to pre-

\$15.00 COUCH FREE!



Our price for Family Case and Couch is only \$13.50. Sent C. O. D., subject to examination, or \$13.00 cash with order, shipment immediate by freight. All orders must be signed by heads of families. Name first and second choice of colors of Couch to prevent delay.

The Consumers Supply Co., CHICAGO, ILLINOIS.

General Offices, 607 Atwood Building.

Couch is full length and width, with spring edge, seat and head, upholstered in velours or corduroy, samples of colors sent free on request.

To introduce our FAMILY CASE of GROCERIES

into more homes we offer this elegant couch FREE with each order. Our FAMILY CASE contains only first class goods, such as are in every day home use, and are all guaranteed to be strictly pure or money refunded.

Contents of Family Case:

10 lbs Best M & J. Roast Coffee (or any kind wanted)	\$1.00
5 lbs Best Japan Tea	3.25
1 lb Ground Pepper, strictly pure	.40
1 lb " Cinnamon " " "	.40
1 lb " Mustard " " "	.40
1 lb " Allspice " " "	.20
1 lb " Ginger " " "	.20
1 lb " Cloves " " "	.20
1 lb Penang Nutmegs " " "	.40
1 lb Cream of Tartar " " "	.20
1 pint Triple Ext. Vanilla " " "	1.25
1 pint " Lemon " " "	1.20
5 lb Can Best Baking Powder	2.00

The contents of our Family Case amount to \$13.60
The Elegant Couch sells for 15.00

(All Spices come in air-tight tin cans.) Total \$28.60
(Please mention this paper.)

pare for her wedding which occurs early in February. The publisher anticipates the event which consummates her life happiness by extending best wishes.

Frank S. Wyatt, of the Newton (Kan.) Journal and Banner, also is interested in a stock ranch in D county, Okla., and will be a member of the Association. He has a level head.

It is reported that Grant Gillett will return from Mexico in time to attend the Live Stock Convention here on Feb. 14 and 15. Many who are coming would like very much to have a chat with him just now.

John J. Gerlach gave a New Year's dinner to the employees of the bank and store. The boys appreciate Mr. Gerlach's remembrance very much. Madams Cafky and Hopkins and Miss Georgia Cowdin assisted.

Mr. Newton Galbraith and Miss Phoebe Moore were married Jan 5th at the home of Mr. and Mrs. Thos. Doran. The ceremony was performed by Judge Lawhon in the presence of the family. They went immediately their home on Thos. Doran's ranch. The News extends congratulations.

Miss Agnes Brown came up yesterday from Woodward, Okla., and left today for Peabody where she will visit her parents a few weeks. She has resigned her position on the "LIVE STOCK INSPECTOR" for a better one—which will happen before she returns to Oklahoma.—Newton Kansan, Jan. 12th.

W. E. Herring and Eula Joe Day were married at the home of the bride's parents at Fort Supply at 11 o'clock Monday the 9th. Rev. Calton officiated. The happy couple took the afternoon train for Texas, where they will spend some time visiting relatives after which they return to their home in Ashland, Kan.

Taylor Maulding was in town Dec. 3rd and subscribed for the News and LIVE STOCK INSPECTOR. Mr. Maulding has recently secured the establishment of a postoffice nine miles northwest of May in Woodward county, and this week he was notified of his selection as postmaster. The name of the new office is Ocate, a Mexican name pronounced "Oka-tay" with accent on last syllable.

Rice P. Steddom, assistant inspector of the Bureau of Animal Industry, was in Woodward the 11th on official business. Mr. Steddom is investigating the effects of dipping cattle in dynamo oil. He says the Chief of the Bureau of Animal Industry has suspended dipping for the present, but will soon use a milder dip that will kill the tick and not hurt the cattle. Mr. Steddom is a very interesting gentleman and his appearance commands admiration.

Horses for Sale.

I have for sale 56 head of **S** horses some of them broken to ride and to work. All are good extra stock and are very cheap in price. They may be seen at my place five miles northwest of Woodward. J. C. PETERSON.

POSTAL CARD WANTS.

This department is conducted especially for LIVE STOCK INSPECTOR patrons, and only the small charge of one cent per word merely to cover cost is made for advertisements of cattle for sale or pasture, lands for lease or sale, feed for sale, etc.—in short any want felt about the ranche or farm. Enclose postal note for amount with order and if insertion is desired for more than single issue, remit to cover the amount. Address, Postal Card Wants, care LIVE STOCK INSPECTOR, Woodward, Okla.

FOR SALE.—Twelve head of thoroughbred and high grade Shorthorn bulls ranging from one year to three in age, all red in color and in good flesh. J. R. WARD, Gage, O. T.

WANTED.—The name and address of parties handling the thoroughbred red Polled cattle either in Oklahoma, Kansas or Texas. Address SAMUEL FIFER, Arapahoe, O. T.

FOR SALE.—Rams. One car lot Rambouillet, Merino and 18 Grade Shropshire yearlings. In fine shape for heavy service. Will be sold cheaper than same quality can be bought anywhere. J. W. DEGENER, Deerhead, Barber Co., Kansas.

FEED FOR SALE.—For 3000 cattle, consisting of corn in shock, cane in shock, millet in stack, Kafir corn in shock and standing; 5000 acre pasture, with one lot, and small pasture and abundance of outside grass with the other; abundance of water and good shelter. Anyone desiring feed 1 would gladly show what I have and make prices and terms. RILEY LAKE, Lake City, Kas.

FOR SALE.—480 acres deeded land, seven miles southwest of Liberal, Kas., 4 wind mills, each capable of watering 1,000 head of cattle, endless range, horse pasture, large barn, corrals, feeding pens, watering troughs, 60 barrel storage tank, wind break, sheds, 9-room frame house, in fact its a first-class fully equipped ranch. Price \$3500, on time if good security is given. Address, G. L. DRUMMOND, Enid, Okla.

CATTLE AND SHEEP FARMS FREE.—Eight million acres of the finest government grazing lands in America surrounds Clayton, in Union county New Mexico, (partly fenced) now given away by Uncle Sam to stock-growers and settlers. I will sell you a choice town lot in the bustling city of Clayton and locate you on 160-acre fine stock ranch within two miles of Clayton for \$10. Clayton is a prosperous U. S. land office and county seat town, with big brick school houses, electric lights and water works. This is a poor man's chance to get a free ranch and become a cattle king. For particulars address (with stamp) J. E. CURRIE, Clayton, N. M.

MY RANCH AND STOCK FOR SALE.—Near Alva the county seat of Woods county, Okla. Alva is situated on the Santa Fe R. R. in the northern part of Woods county. It has about 2000 inhabitants. The Northwestern Normal School is located at Alva and has the finest school building in the west. Ranch is located 4 miles north of Alva and consists of 1100 acres of grass land, 120 acres of plow land and 60 acres in wheat, all well fenced and cross fenced, 3 and 4 wire, corrals, etc. Good 3-room house, good outbuildings of all descriptions, graneries, cribs, stables, etc. Good orchard of 800 trees, half bearing, 500 forest trees. Land—(section of homestead land) can be deeded, 1 section of school land 4 years lease yet at \$33 per year, all land is joined, good running springs in south end, wind mill and inexhaustible water in north end, 50 head of cattle, cows, calves, yearling steers and heifers. 30 head of horses consisting of mares and mule colts and saddle horses. Farming implements of every description. Will sell ranch or cattle separate or together. Time on part. Reason for selling, retiring from business. GEO. S. PARKER, Alva, Okla Box 189.

Convention Decoration Committee.

In addition to the committees appointed on finance, hotel arrangements and reception, the following is announced by its chairman as per resolution at the last Citizens' meeting: Mesdames H. C. Thompson, Tom Doran, T. L. O'Bryan, W. P. Wright, Lizzie Mohahan, Elenor Wheeler, and Mesrs. Foster Mynatt, Geo. Brophy, John Chandler and John McGrath.

J. C. Casey. D. A. Garst.

Casey & Garst,

WHOLESALE GROCERS,
WICHITA, KAN.

Sell Grocers' Sundries, Cigars, Tobacco, Candies and everything in our line. We can fit up country stores complete at low prices and low freight.

Goods well bought sell themselves at a profit. Write us for special prices and mention this paper.

CASEY & GARST,
Wichita, Kan.
Wholesale Merchants.

Do You Ship Cattle?

Very many readers of the LIVE STOCK INSPECTOR will soon begin shipping cattle to the markets at Kansas City, St. Joseph and St. Louis. For the benefit of those who may be undecided where to consign, the following list will be of value, representing as it does the leading and more progressive commission firms at the markets.

If you expect to get top sales for your stuff don't monkey with back number firms who are not alive to their business, who do not even solicit your patronage.

On the other hand, the firms and companies below named are up to date in method; they employ the very best salesman and buyers; they thoroughly understand their business and can give you the very best service at no higher rates than is charged you by others in the business who do not even seek your acquaintance.

In addition to all this these men aid you directly by assisting you to maintain an Association journal; they are interested in your success and invite your confidence. Consign to these people when you ship, no matter whether it be a single car load or a hundred; no matter whether it be cattle, hogs or sheep, and you will not have cause to regret your action.

Here are the

- PROGRESSIVE COMMISSION FIRMS OF KANSAS CITY, ST. JOSEPH AND ST. LOUIS.
- McDonald-Crowley Farmer Co.
 - Lone Star Commission Co.
 - Campbell, Hunt & Adams.
 - Elmore & Cooper.
 - Tamblyn & Tamblyn.
 - Barse Commission Co.
 - Chicago Live Stock Com. Co.
 - Kansas City Live Stock Com. Co.
 - Southee & Kirk.
 - Zeb F. Crider Commission Co.
 - T. P. Gordon Commission Co.

Bill Harrell, of Amarillo, never quits. He has just sold a lot of good grade bulls at \$60 to range cattlemen.

THE LIVE STOCK INSPECTOR

PUBLISHED SEMI-MONTHLY BY WILL E. BOLTON.

WOODWARD, OKLAHOMA

The only journal published in Oklahoma and the Indian Territory, devoted exclusively to live stock interests and stock farming.

Official Organ of the Oklahoma Live Stock Association.

Calendar for 1899 showing months from January to June with days of the week and dates.

At News Depots and On Trains.

KANSAS CITY—By W. A. Rode News Co., 535 Main St. WICHITA—By C. A. Tanner & Co., 122 North Main St. DENVER—By Hamilton & Kendrick News Co., 37th and Champa. AMARILLO, Tex.—Morgan Bros. News Co. For sale on all western Santa Fe trains, by Newsboys. For sale on U. P., Denver & Gulf trains, by Denver Ry. News Co.'s agents.

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EXECUTIVE COM.

IRA EDDLEMAN, W. E. HERRING, JNO. W. HOLMAN, GEO. W. CARR, B. MASTERSON; President and Sec'y, ex-officio.

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CHAS. BICKEL, 1st Dist., SAM MATTHEWS, 2d Dist., JAKE CASTLELOU, 3d Dist.

Entered at the post-office at Woodward, Oklahoma, as second-class mail matter.

Subscription \$1 per Year in Advance.

JANUARY 15, 1899.

You can bet on an attendance of 1200 hundred or more at the convention in February.

Oklahoma will be represented at the National Live Stock Convention at Denver on the 24th inst.

The 5th Annual Convention will be far the best yet held by the Oklahoma Live Stock Association. Come.

The towns on Persimmon should get together. There are so many there now that their location is confusing to strangers.

The Beaver Herald breathes a new atmosphere. It is now in the hands of one of the Drummond boys and they all know how.

J. E. Carroll writes from Bloomington that he will attend the convention and says other are coming from old Greer county.

The attendance at the Denver convention promises to be very large this year. Same is true also of the Oklahoma convention at Woodward.

The prettiest New Year card ever sent out was by Kings and Queens of the Range. One came bearing the compliments of its publisher, to the LIVE STOCK INSPECTOR.

The Breeder's Gazette Christmas edition is one of the finest ever issued by any periodical. The LIVE STOCK INSPECTOR will cheerfully take second place with the Breeder's Gazette.

Read the advertisement of the Consumer's Supply Co. in this issue and send in a trial order. Please mention this paper when you do so.

If the National Live Stock Convention goes to Kansas City for its next year's session it will meet with a warm welcome in the best live stock city in the country.

Our poultry columns this issue contains a valuable article written for that department of the LIVE STOCK INSPECTOR by A. H. Duff, the well-known fancier of Larned, Kansas.

The INSPECTOR publishes an outline of what will happen at the convention in this issue. This report is subject to final revision in issue of Feb. 15th which will go to press on or before Feb 10th.

The executive committee of the Association met at the secretary's office in Woodward Jan. 7th and examined finance report. They also took measures to make the coming convention the best ever held.

The Amarillo Champion claims that Dr. W. K. Lewis succeeded in inspecting a herd of 1700 cattle in two hours and cut back 80 ticky cattle. This is mighty rapid work—better time than make in hicking Spain, if true.

Will it be a Business Session?

Exchanges from all over Oklahoma are predicting a "business session" of this legislature. If this be true a law will be passed recognizing cattle brands and securing uniformity.

Amendments will be made to the law creating a Live Stock Sanitary Commission.

A branch of the A. & M. College will be located at old Camp Supply as a veterinary school.

Penalties will be provided to secure the enforcement of the hide inspection law or a better one substituted for that now on the statute books.

The live stock industry of Oklahoma will be recognized as it should be by other needed legislation, and then this legislature may make the just and proper claim of having held a "business session."

W. E. Bolton, secretary, says the annual meeting of the Oklahoma Live Stock Association, which will be held at Woodward February 13 and 14, will be the biggest event of its kind ever held in the west. James Wilson, secretary of agriculture, will be present and deliver an address. Albert Dean will lecture on Texas fever. A. D. Fleming, of Canada, will talk on lumpy jaw. Hon. F. D. Coburn will

LIST CATTLE HERE FOR SALE.

Publication of Same will be Made Free of Charge in Next Issue, for Benefit of Convention Attendants.

Owing to delay in shipment of our paper stock from St. Louis, due to unavoidable causes, this issue of the LIVE STOCK INSPECTOR is fully ten days late. For this reason the next issue will be the Convention number and will go to press not later than Feb. 7th. All copy must reach us not later than Feb. 5th, positively no later, to receive publication in the convention issue.

All parties who desire to list cattle for sale at the convention should do so at once in order that same may be published. No charge will be made for this service. Send list in now, stating number, age and class of cattle and name of owner. Don't delay but send at once. A postal card will answer the purpose for giving this information.

The convention issue will be specially illustrated and will contain the complete program of convention work. Many extras will be issued and all friends are requested to aid us in extending its circulation.

Let us hear from you at once, with lists of cattle for sale.

PUBLISHER LIVE STOCK INSPECTOR, Woodward, Oklahoma.

The business session of the convention will begin promptly at 9 a. m. on the 14th. Every member of the association is earnestly requested to be present. THIS SESSION OF THE CONVENTION IS FOR MEMBERS ONLY.

The LIVE STOCK INSPECTOR is pleased to note the selection of Hon. Tom Hubbard, of Rome, Kas., as president of the Kansas State Board of Agriculture for the ensuing year. "Uncle Tom" is one of the best known stockmen in southern Kansas.

C. T. Biddle, representative of Comanche county in the Kansas Legislature, is the author of a bill to make the quarantine line as now fixed by Kansas, perpetual. This would indicate a serious lack of confidence in the judgment of its Governor and Live Stock Commission.

The trouble with Gen. Miles is that he once tasted real Oklahoma beef produced on our famous short grass, when down here at old Camp Supply on a hunt, and since then is not satisfied with the tough stringy stuff sent out from the feeding states. No wonder he thinks that Chicago stuff was embalmed!

discuss the subject of beef. Bernard Snow, the statistician of the Armour Packing company, is getting up an address on the meat trade of this country and England. Large delegations of commission men will be present from most of the markets, and the convention will close with one of the swellest balls ever given in the west. It will be a hot potato.—Drovers Telegram, Jan 11.

That's what! Comin' down this time Col. Neff? Hope so!

Our New Officers.

Press of work in connection with the coming Live Stock Convention, coupled with the difficulty of securing a competent stenographer to fill the vacancy caused by the resignation of the last one in order to get married, has left the publisher little time to devote to matters local. This must be our excuse for not sooner making brief mention of our new county officers.

In the office of Probate Judge there is no change, the former incumbent continuing to give general satisfaction as expressed by the people at the election last November. Judge I. B. Lawhon will continue to balance the scales of Justice.

For County Attorney, C. R. Alexander represents the choice of a majority

of the people for the next two years. Mr. Alexander is a young attorney, well qualified to fill the place and hold the important trust confided to his keeping.

Our new sheriff comes to his office with a rare knowledge, gained by years of experience in connection with same, and therefore is enabled to give the attention to all matters required by law. Fearless, and possessing executive ability, the affairs of the office will not suffer in the hands of Jeff D. Mynatt.

The office of Treasurer will be filled with a man whose competency is so well known that comment is unnecessary. Suffice it to say that Jno. J. Gerlach is all and more than will be required as an efficient Treasurer of the funds of the county.

County Clerk Luther H. Patton brings to the discharge of the duties of this most difficult position, talent of the highest order of merit. No office is harder to fill and more exacting in its demands and the people chose wisely when they entrusted the duties of the clerkship to L. H. Patton.

There is no change in the office of Register of Deeds and the re-election of Mrs. Nellie McHarg by over 500 majority confirms her as the people's favorite for this place.

Prof. T. D. Ballard's services as County Superintendent were also recognized by the people and he was returned a second time to the position he so ably fills.

Elias Heckart as County Surveyor, Jno. Chandler as Coroner and I. W. Hart as County Assessor, are each well qualified to give the county good service.

On the Board of Commissioners W. W. Carter served with such satisfaction that he was again chosen from his district. Messrs. Burdick and Gray are new members but are thoroughly competent and well qualified to care for the interests of Woodward county in the best possible manner. The people have made no mistake in choosing these three gentlemen to serve them.

To the retiring officers the NEWS expresses thanks in behalf of the people for duties well done. To the new incumbents the NEWS extends best wishes and places itself at their disposal to promote every interest of Woodward county.—NEWS.

The Fifth Annual Convention of the Oklahoma Live Stock Association will be held at Woodward, Okla., Feb. 14 and 15, 1899. It promises to be the best ever yet held in Oklahoma and a large attendance is promised. One fare rate is given by the Santa Fe, the Fort Worth and Denver and the Pecos Valley railways from all points on said lines in Kansas, Oklahoma and the Panhandle of Texas, to Woodward and return. An excellent program has been arranged. Secretary Wilson, of Washington, D. C. is expected to be present, also Gov. Barnes and the legislature of Oklahoma. Specialists of note on Southern Fever, Black Leg and Lumpy Jaw will address the convention. The work of the past year will be carefully reviewed. All are invited to attend and receive the benefits of this organization which so ably represents the live stock interests of the southwest.

Secretary Wilson May Be Here.

The following letter has been received from the head of the Agricultural Department of the United States. If Mr. Wilson comes, as he thinks he will, he will be the first Cabinet Officer to honor Oklahoma with a visit: U. S. DEPARTMENT OF AGRICULTURE, Office of Secretary, Dec. 23, 1898.

MR. W. E. BOLTON, Secretary Oklahoma Live Stock Association Woodward, Oklahoma.

DEAR SIR: I acknowledge with thanks the receipt of your letter of the 19th, inviting me to attend your Fifth Annual Convention on February 14 and 15, 1899. I am expecting to go south in that month, but I do not know whether I can make connection with Oklahoma. If I can, I will.

Very Truly Yours, JAMES WILSON, Secretary.

Good Advice from the President of the National Exchange.

The following is the able address delivered by President Thompson, of the National Live Stock Exchange at the annual meeting at Omaha recently:

"This is the greatest producing country on the globe and could easily feed and clothe the civilized if the obstructions to our commercial interests were removed. Those engaged in breeding, feeding and maturing our live stock through their untiring determination to produce nothing but the best have succeeded in placing it on a par with, if not superior to the live stock of any nation on earth. But the producer cannot rest here; Taking into consideration the climate and other conditions surrounding him, he should continue to select the very best breeds obtainable, changing often to prevent inbreeding, thereby improving his output until it will eventually become superior to that of any similar product in the world. As to values the past year has been a very successful one for the producer. He who has been particular about breeds, flesh and age, when marketed, has reaped the reward due his labor and intelligent application of knowledge ledge as to the requirement. On the other hand, he who has been indifferent as to breed, shape, condition and age has paid the penalty of neglect of conforming to the demands in these particulars. It should not be forgotten that to obtain the best market values the animal must be one-half to three-quarters bred, of the best strains of blood and should be prepared and marketed at the earliest possible age in order to be profitable to the producer, the slaughter and the consumer.

"Why would not this country, with her unlimited domain, her perfect climatic conditions, her fertile hills, luxuriant valleys, boundless plains and her intelligent husbandry, stand first foremost in the world as a live stock producing country? The question in my opinion is unanswerable. Let the producer of beef, feed and mature strictly for beef; the dairy, breed and raise strictly for dairy products, not crossing with the beef producing animal. Of the hog? The best breed that will mature at the earliest age into prime light weight, which always brings the highest market price. Of the sheep? The best breed for mutton, not forgetting the fact that if the producer expects to receive the highest market value, they should be so bred and fed as to market as lambs, yearlings and not later than two-years old.

"The sheep industry of this country has not yet arrived at a point where it becomes necessary to breed principally for wool, but producers should first get the best mutton producing qualities thoroughly bred into their flocks and bands, bringing the standard up to about a half or three-quarters grade, after which it will be safe to breed for wool without materially disturbing the band as mutton producing animals. And right here let me say that during the past year the cattle ranchman has done more to improve the quality of his herd by the introduction of thoroughbred stock than any year within the history of this country.

"I would suggest that you would recommend such means as to you seem expedient to bring about a change in the method of branding cattle, urging that the brands be placed on some other part of the animal than the side or rump, thereby making the animal of greater value to the producer.

"As the great grazing territories of the north and northwest, as well as those of the south and southwest are fast passing away, it behooves us at this time to pay the ranchman that tribute to which they are justly entitled. To them belongs in a great measure the credit of developing this great expanse of territory and opening the same to the advance of the tillers of the soil. By reason of their enterprise in raising and herding large droves of cattle which had to be transported to market, they created the necessity for and induced those great arteries of

YOU

are Expected to Attend



OF THE

Oklahoma Live Stock Association

FEB. 14-15, 1899, At WOODWARD.

Specialists on Texas Fever, Lump Jaw and Black-Leg will address the stockmen.

Governor Barnes and the Legislature of Oklahoma are expected to be present.

Secretary Coburn, author of "The Beef Steer and His Sister," will be present and address the convention.

The Quarantine regulations will be discussed.

Reports of officers will be made and election for ensuing year will be held.

All are invited.

One Fare Rates

Have been secured on the Santa Fe Railway in Kansas and Oklahoma and Panhandle of Texas; on the Fort Worth and Denver City Railway and Wichita Valley Railway in Texas.

Applications have been made to other lines for same rates.

COME!

commerce, the railroads, to extend lines through their domain, which is daily becoming a more valuable section of the country.

"Following the lines of the railroads as is always the case, came the producer, the bone and sinew of our country. He is the principal factor of our state government, the political power, the financial credit of the state in which he lives. He is the one to say whether or not the live stock of this country shall be superior to that of any other.

"He establishes and supports home markets in the state where he raises his product, he pays for public improvements, supports his home and calls around him churches, schools, public and private institutions and all the comforts and necessities of domestic tranquility."

Geo. W. Rourke Promoted.

Woodward, both city and county, suffers a personal loss this week by reason of the transfer of Agent Geo. W. Rourke of the Santa Fe to Purcell. For a period dating five years prior to the opening of the Cherokee Strip settlement, Mr. Rourke has served the great system as its agent here and so thorough and effective has been his work, that contrary to his personal wish he was transferred to a more important post. For several years past he has been offered the promotion but on account of home ties and fixed interests in Woodward, he steadily declined until the present when he was given no option in the matter by the superintendent. This is a rare compliment, based as it is on the ability displayed by Agent Rourke, and while the citizens of Woodward and patrons of this station regret to see him leave here, they unite in wishing him continued success and consequent promotion which it is believed will speedily follow his transfer to Purcell. No more thorough railroad man can be found anywhere than Agent Rourke. To his command of men and the dispatch of business lies the motive and demand for his services elsewhere and this paper desires to go on record with the prediction ere many years, our friend and townsmen who has so efficiently served the Santa Fe Railway at this point for the past nine years, will be called to fill one of the most important positions on the system. 'Tis not "Good By" but Au Revoir.

The place vacated here is filled by Mr. A. W. Dunham, of Oklahoma City, to whom in behalf of the citizens of Woodward the NEWS extends a welcome.

CONCERNING GEO. W. ROURKE.

Whereas, Geo. W. Rourke, who has long and efficiently served the Atchison and Santa Fe Railway company at Woodward, Okla., has by order been promoted and transferred to a more important post in the service of said company, and

Whereas, during the many years he has held said position as agent of said railway company at Woodward he has ever been courteous, obliging and helpful to shippers of live stock over said railway, therefore,

Be it Resolved, that we tender Mr. Geo. W. Rourke sincere thanks and hereby express our appreciation of his efficiency caretaking and services to members of the Oklahoma Live Stock Association at all times making shipments to market or receiving cattle at the yards under his superintendence.

Resolved further, that we tender to Mr. Rourke our congratulations on his merited promotion and express our best wishes for his continued success, while we regret losing in him a courteous and obliging official of his company.

Done by the Oklahoma Live Stock Association, through its executive committee in session this 7th day of January, 1899.

A. T. WILSON,
W. E. BOLTON, Secretary, President.

Read the Oklahoma quarantine proclamation in this issue by Gov. C. M. Barnes. Every copy of the LIVE STOCK INSPECTOR contains matter of value and those who file their copies for reference will have this proclamation handy when wanted.

Summary of Digestion Experiments With Kaffir.

In a digestion experiment with steers at this Oklahoma Station in the winter of 1898, the following results were obtained. Four trials were made in each case with the exception of soaked Kaffir corn, with which two trials were made:

1—Kaffir stover contained as much digestible matter as corn stover.

2—Kaffir fodder contained ten per cent. less of digestible matter than corn fodder.

3—Kaffir heads contained one-third as much digestible matter as corn and-cob meal.

4—Kaffir corn fed in the heads was neither more or less digestible than when fed after thrashing.

5—Kaffir corn fed after soaking in water for twelve hours was less digestible than when fed dry.

6—Kaffir corn fed dry contained forty per cent. less digestible matter than coarsely ground Kaffir meal.

7—Kaffir meal, coarsely ground, contained twenty per cent. less digestible matter than corn meal.

8—It paid to grind Kaffir corn. One hundred pounds of Kaffir meal contained as much digestible matter as one hundred and sixty-seven pounds of Kaffir corn.

10—A gain of less than two per cent. in the amount of digestible matter was secured when Kaffir fodder was thrashed, and the grain fed to steers with the shredded stover from the fodder.

SUMMARY OF RESULTS.

"Carbohydrates and fat" includes the sum of the digestible fiber, nitrogen-free extract, and two and one-fourth times the ether extract.

	PER CENT OF DIGESTIBLE MATTER.				Nutritive ratio
	Total dry matter	Protein	Carbohydrates and fat	Total	
Kaffir stover	80.82	1.48	43.78	45.26	1:25.5
Kaffir fodder	90.35	2.15	53.49	55.64	1:24.9
Kaffir heads	78.37	1.03	21.53	22.56	1:20.9
Kaffir corn	87.48				
Fed without previous preparation		4.73	32.60	37.33	1:6.9
Soaked 12 hours before feeding		4.37	30.03	34.40	1:6.9
Coarsely ground		5.79	56.54	62.33	1:9.8

NOTES ON FEEDING EXPERIMENTS.

In trials during the winter of 1897-8 yearling steers fed Kaffir meal made better gains than those fed corn meal. In trials a year earlier corn meal gave somewhat better results, and this has been found true at other Stations. Steers fed Kaffir heads made average gain of 1.85 lb. each per day; those fed Kaffir meal, 2.36 lb. Slightly less was eaten in the head than when the grain was ground. Except in one trial, steers fed a mixture of Kaffir meal and corn meal made better gains than those fed either grain alone. The best gains, when several lots were fed alike, were made when about four pounds of whole cotton seed per day for each steer was added to the Kaffir meal ration.

Horses, cows, sheep and hogs have all kept in good health and made fair gains when the only grain fed was Kaffir. In no trial at this station have hogs done quite as well when fed Kaffir in any form as when fed corn meal. The loss from failure to digest all the food eaten is much less when hogs are fed unground Kaffir than when cattle are so fed. In some cases hogs made less gain on soaked Kaffir than when it was fed dry—probably because they ate the latter more slowly and masticated it more thoroughly.

Running whole Kaffir stalks through a thrashing machine puts the stover in excellent condition for feeding. Cracking some of the grains in the process of thrashing tends to increase percentage digested, if fed unground.

This Station has not succeeded in

getting large gains with steers fed whole cotton seed as sole grain, but making cotton seed a part of the grain ration has given good results in a number of cases.

From May 9th to September 1st of this year, nine yearling steers on pasture made an average gain of 160 pounds each. During September when fed reasonably full feed of corn, still on pasture, they averaged a gain of 73 lbs each. Taken from pasture and put on full feed of corn meal with dry rough forage they made little gain for the first three weeks of October, probably partly because of carrying less weight in stomach.

Experiments not completed, begun in October 1899, indicated that where pigs can conveniently be allowed to harvest crops of peanuts, sweet potatoes or cow peas, being fed corn at the same time, these crops much help in economical use of corn. If fenced lots are available for the purpose, it is believed the saving of cost of gathering the crops makes this a desirable method of feeding.

Somewhat limited trials in feeding "stock melons" show them to be much liked, especially by hogs. Having a fair feeding value, being well suited to serve as a corrective of the bad effects of exclusive grain feeding to hogs, their late yield and the readiness with which they can be harvested make it probable that they may wisely be substituted for root crops in Oklahoma, in part at least.

In times of medium prices for farm products that man who produces an article with the greatest amount of economy—at the least cost—is the man who makes the greatest amount of money. To employ measures of economy does not necessarily mean the stinting or skimping of anything, but it does mean in a majority of all cases the employment of better and improved methods. For instance, the present price of corn is very satisfactory and will admit of its being sold so as to leave a profit to the producer. On the other hand the price of pork is low, so low, in fact, that it will not pay to feed hogs at present corn values. Just here is where improved methods interpose to the advantage of the farmer and bring about conditions that will enable him to sell both corn and hogs at a profit. If the hogs were fattened—as they can be—with about half as much corn, it would bring the cost of producing the pork so low as to leave a handsome profit on the transaction even at the present low prices of pork.



fattened—as they can be—with about half as much corn, it would bring the cost of producing the pork so low as to leave a handsome profit on the transaction even at the present low prices of pork.

If it requires but half your corn to fatten your hogs or other stock you will have the remaining half to sell at the present advanced price, which means another profit.

As to the improved method that will bring about these happy results we refer our readers to the modern stock food cooker, which is now being used with such great success by our best farmers. If you are not already acquainted with these machines and their advantages write the Reliable Incubator and Brooder Co., of Quincy, Ill., who manufacture the Reliable Stock Food Cooker, a small cut of which we show herewith. They will be pleased to mail you circulars, prices, etc.

A local paper published a long obituary of a man who had died in the community, closing with the statement that "a long procession of people followed the remains to their last roasting place." The family read the notice and discovered the supposed error and asked the editor to make a correction in the word "roasting," but he said he couldn't do it until the seven years back subscription the deceased owed had been paid.

The KANSAS CITY STOCK YARDS...

—ARE THE—

Finest Equipped, Most Modern in Construction and Afford the Best Facilities

For the handling of live stock of any in the world. The KANSAS CITY MARKET, owing to its central location, its immense railroad system and its financial resources, offers greater advantages than any other. It is

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While buyers for the great packing houses and export trade make Kansas City a market second to no other for every class of live stock.

	Cattle and Calves.	Hogs.	Sheep.	Cars.
Official Receipts for 1898	1,846,233	3,672,909	980,303	
Sold in Kansas City, 1898	1,757,163	3,596,828	815,580	

C. F. MORSE, E. E. RICHARDSON, H. P. CHILD, EUGENE RUST, Vice-Pres. & Gen. Man'gr. Secy. and Treas. Asst. Gen. Mgr. Traffic Mgr

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EXCHANGE CLIPPINGS.

D. D. Swearingen, a prominent cattlemaster of Quannah, was in Childress Monday morning. He reports cattle on the O X range in good condition.—Childress Index.

J. A. Carson used the Pasteur Vaccine for blackleg for the first time last fall. Before using it he had lost several head but not one since. He says from now on he will keep a supply of the vaccine on hand and will vaccinate the calves as soon as he has ten or twelve head on hand. By this means his herd will always be proof against blackleg.—Childress Index.

Phil Hale, the observant editor of the National Live Stock Reporter, finds comfort in this: Dipping cattle in the oil and sulphur combination according to the government formula is not a decided success and it is not yet certain that it will kill the ticks without killing the cattle, but it has killed the open season—and killed it in the dead of winter. Southern cattle raisers will not be sufferers if they will fatten their own cattle for market and if they do it well they will some day get results that will astonish them. The closer the Southern cattle are kept at home the better it will be for Southern stock raisers in the end.

The Experiment was Expensive

The Coldwater, (Kan.) Star very sensibly says regarding its county:

"The experiments of ten years ago at trying to run every quarter section into a farm have taught our people one important lesson—that the greater portion of this country is adapted to stock raising and the raising of the great staples for stock feed—Kaffir corn and cane. The county now contains a large number of cattle and sheep and every stockman in the county who has been attentive to business during the past five or six years has prospered. As a consequence, our merchants have been and are yet enjoying a good business. Carpenters, masons, farm laborers and, in fact, persons in all lines of business, find no trouble in securing employment at fair wages. These facts all mean a good healthy growth for our town and county. All we need to insure that this growth shall be continual is that our citizens be conservative and cautious and that they work together in every laudible effort to build up and improve every home industry."

We notice that Sam Smith, who used to claim Oklahoma as his home, has been sentenced to the Kansas penitentiary for life for holding up a Frisco express train and shooting a man at Andover. Sam is a smooth duck. He began his public career in Beaver county by swiping calves, horses, watches and divers and Sundry other articles. He was captured several times, and became an adept at perforating jails. Hon. Frank Healy, at present register of the land office at Woodward, had Samuel in custody for a long time, when he was sheriff of Beaver county. Sam never got away from Healy, but as the Beaver jail was hardly larger than a rat trap, Healy took Sam to Woodward where they had a good jail. Sam stayed there long enough to get acquainted with the other prisoners, and then, to break the monotony of quiet prison life, fell to exrmining the structure. The next thing Healy knew of Sam he was back in the west end of Beaver county, taking up a collection of ranchmen's horses. Healy's deputies took the enterprising lad in again, and this time the sheriff thought he would put him in the best jail in the territory, at Alva. He did so, and one morning shortly afterward the Alva jail had a hole in it which looked as if it had been made by a 13-inch gun, and Sam was up in Kansas. We wish Sam a pleasant life at Lansing where the prison officials will doubtless utilize his wonderful perforating ability in the mines.—Enid Sun.

An exchange says that the postoffice department has decided that children going to and from school shall not be allowed to get the mail without an order from their parents, so do not blame the postmaster if your children are refused the mail. The postoffice habit among children is a nuisance, both to the public and the postmaster, and the department has done wisely in reaching this decision.

Sensible Suggestions.

Has not the live stock industry progressed beyond the point where every convention of delegates has to be "entertained" with roping contests, barbecues, etc.? The associations themselves have nothing to do with arranging these diversements and it is true that the cities where the conventions are held should understand that stockmen these days are business men; that when business men go to business conventions they go to transact business. When business is out of the way, nice attractions are desirable. The stock industry is the greatest thing in the West, and some of the very best people are engaged in it. When these people go as delegates to conventions they want it understood that they go as business men.—Drovers Telegram.

Good News for All Our Readers.

By special arrangement A. T. Cook, the well known seedsman of Hyde Park, N. Y., will send a valuable book on "The Window Garden—How to grow plants and make them bloom"—free and postpaid to any reader who will send him 5 one cent stamps for his mammoth 15 cent collection of choice Mixed Flower Seeds—over 300 lovely varieties. We believe this to be the finest assortment of beautiful, easy growing flowers ever put up. They will make a brilliant display the whole season through. Thousands have praised them. This offer is made solely to introduce. His illustrated catalogue will accompany the seeds. Order AT ONCE and name this paper and he will add free a superb painting (suitable for framing) of his magnificent Giant Pansies.

For only 16 cts. additional, he will send the popular (50 cent) Farm Journal ONE WHOLE YEAR. This is a pure, clean Journal; practical, up-to-date, and of intense interest and value to every Farmer, Gardener and housekeeper. There is nothing like it. Its teachings will save you money. Do not miss the chance—and be SURE to mention this paper.

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Look over our clubbing list below and send in your clubbing list to us. If you want more than one periodical with the LIVE STOCK INSPECTOR, subtract the price of this paper (\$1.00) from all but one and add together, or write us for a special rate if you wish to subscribe for several publications.

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Ladies' World, New York m.	1.05
Life, New York w.	5.35
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N-w Time, Chicago m.	1.55
New York Weekly, New York w.	3.05
Outing, New York m.	3.05
Puck, New York w.	4.85
R m's Horn, Chicago w.	2.05
Republic, St. Louis w.	3.55
Review of Reviews, New York m.	2.40
Rocky Mountain News, Denver w.	1.65
Scientific American, New York w.	3.30
Swine Breeders' Journal, Indianapolis, Ind. s-m	1.10
Times, Kansas City w.	1.55

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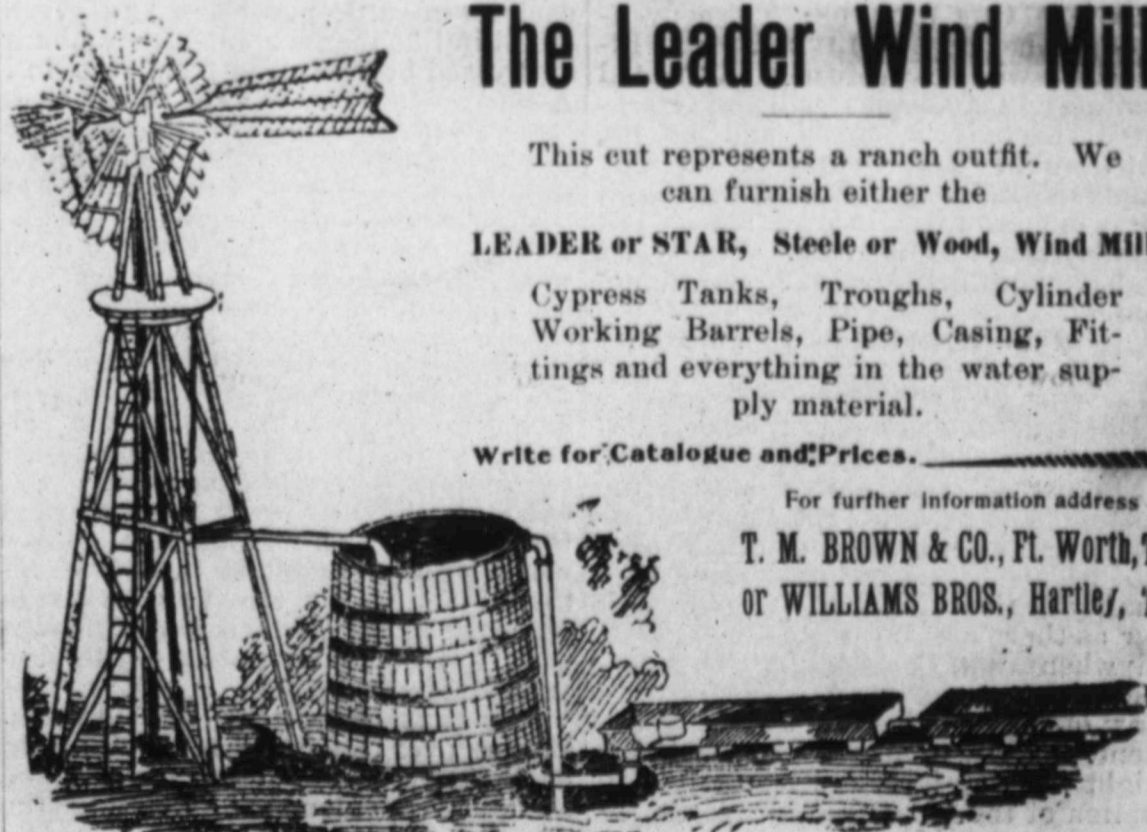
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TO US!

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Louis.

ONAL

LIVE STOCK NOTES.

Stockmen are requested to write postal card items for this column. The INSPECTOR desires to print live stock notes from everywhere. Send us a postal—push it along.

Corn is sold to ranchmen, delivered, in Comanche county Kansas for 40 cents per bushel.

Several carloads of choice grade and registered bulls will be brought to Woodward for sale during the convention.

J. L. Gober paid \$4500, range delivery, for the T X T cattle, of W. Q. Richards and G. R. Breckenridge in the Panhandle.

Send us at once a list of your cattle for sale for the use of buyers at the convention. The list will be published free in next issue.

Reports vary concerning condition of range cattle, but with a mild winter from now until spring the winter loss will be very light.

The S M S ranch near Childress, Texas, are putting feed into 110 head of ones, twos and threes, steer cattle, to exhibit at the Denver show of range cattle.

Mrs. Crowley reports cattle doing fine. She says that so far this winter they have fed only a few cows which had late calves. Other cattle are rustling successfully for themselves.

Col. Dick Walsh sold 5000 head of J A two year old steers early this month to D. Rankin and sons, of Tarkio, Mo., @ \$30 around, to be delivered at shipping yards next October.

THE LIVE STOCK INSPECTOR wishes to hear from its patrons regarding conditions of stock during the winter, from central Kansas to the Pecos Valley in Texas. Also give us account of sales, prices and other news of interest in your locality.

THANKS: During the past month many subscribers have kindly remembered the LIVE STOCK INSPECTOR with drafts and money orders to cover their subscriptions and in advance. Remittance from every patron in arrears will be particularly appreciated.

W. T. Joy was in from Lenora, Okla., on the 16th and tells us that he is receiving a car of Shorthorn and Hereford bulls from Compton, of King City, and Comstock, of Albany, Mo. Mr. Joy says many will attend the convention from D county next month.

W. M. Ferguson comes down from Wellington as we go to press with this issue on his way to southern D county where he will buy a string of twos, if they suit his fancy. He reports buyers scarce in Kansas, but lots of feed. He will be here at the convention next month and predicts a big attendance from many parts of Kansas.

TO ALL OUR FRIENDS: The convention number of the LIVE STOCK INSPECTOR will be profusely illustrated and over 10,000 copies will be circulated, through the mails and at the convention. You should be in this number with a special advertisement, for which no extra charge above our regular rate will be made. Kindly let us have your order, with copy, immediately.

PUB. LIVE STOCK INSPECTOR,

The Comstock Sale.

In last issue of the LIVE STOCK INSPECTOR an account of the sale of C. G. Comstock's Herefords stated the average sale price at \$86.15, whereas the price averaged something over \$153.00 per head. Considering the quality of the cattle they sold very low as there are no better Herefords anywhere than Comstock's. This correction is made most cheerfully in view of the fact that our former statement, which was an error of the types, might work an injury to the high reputation of the Comstock Herefords.

The Kansas City Markets.

KANSAS CITY LIVE STOCK EXCHANGE JAN. 7, 1899.

Cattle receipts for the week 29,000; same week last year 34,000. The moderate offerings this week met with encouraging demands and while prices are not quotable higher, last week's values were fully sustained, all grades of slaughtering cattle being in especially good demand. The supply of stockers and feeders was meager; the few offerings were quick sale at shade higher prices. Heavy native steers 5.10@5.60; medium steers 4.20@5.10; light weights 4.15@5.25; stockers and feeders 3.25@4.50; canners 2.00@2.75; butchers cows 2.75@3.25; butcher heifers 3.00@4.50; veal calves 6.00@12.00; western steers 3.25@4.85; Texas corn fed 3.25@4.75; Texas cotton meal fed 3.50@4.50.

Hog receipts for the week 78,000; same week last year 96,000. The demand for packing hogs continues exceptionally good and the recent advance in prices was fully sustained. Heavy hogs 3.55@3.65; mixed packers 3.30@3.60; light weights 3.20@3.45; pigs 3.00@3.15.

Sheep receipts for the week 14,000; same week last year 15,000. Light supplies strengthened demands, and while prices were but very little higher, competition was very strong and the general tone of the market was very encouraging. Native and feed lambs 4.85@5.30; muttons 3.65@4.10; feeding and stock lambs and sheep 2.00@3.75.

Shrink and Fill in Cattle.

John Cownie in Denver Field and Farm: I have written previously about shipping cattle to market, and will continue by saying that in getting a fill on cattle in the stock yards, much depends upon the weather and time of arrival. If the cattle are unloaded very early on a cold morning, they become chilled in the yard, and when the proper time arrives for watering they do not care so much to drink as if they had been watered while they were warm. On the other hand, to water very early chills the cattle if the weather is cold and the humped backs do not prove inviting to the prospective buyer. Neither cold nor wet weather is favorable to the fill for even at home cattle will not drink as well with such conditions existing. With favorable weather, however, there is no difficulty whatever in having the cattle drink when properly handled, and the shrinkage is thereby materially reduced.

In this connection I desire to say that while it is the rule that cattle shall be fed and watered before weighing, the feed consisting of hay only, still, there is no risk of doing the work too well. Some inexperienced shippers depend altogether too much on the fill to be obtained, and while they succeed in reducing the shrinkage, lose in another direction far more than the gain. It may not be generally known that buyers in the stock yards are charged on the books of the firm which employs them with the cost of each lot of cattle purchased and given credit in like manner for the amount of dressed beef secured from the lot. A separate account is kept with each buyer, and the most valuable man for the firm is the one who delivers the highest quality of dressed beef at the least cost. As soon as the slaughtering is done and the dressed meat weighed, the buyer receives credit for the amount, and these figures show at once the net cost of the beef. On the ability of the buyer to furnish his firm the dressed beef at the least possible price depends the size of his salary and security in holding his position, for it is readily apparent that one might be dear even if he worked for nothing, while another buyer would prove valuable to his firm although his salary was from \$5000 to \$8000 per annum, which is the amount paid to some of the leading cattle buyers.

It is thus seen that the buyer in looking over the cattle must bear in mind the dressing quality, and, if the cattle bear evidence of stuffing the

KANSAS CITY LIVE STOCK MARKETS. Monthly summary of receipts and prices of live stock at the Kansas City Stock Yards, compiled by the Kansas City Packer, and reproduced for the benefit of readers of THE LIVE STOCK INSPECTOR.

CATTLE.

Table with columns: Dec. 8 to Jan. 11 Inclusive, Re-ceipts, Dressed Beef & Shipping Steers, Native Fed, Texas and Indian Steers, Texas and Indian Cows, Okla. Cows and Heifers, Stockers and Feeders, Bulls. Rows: Thursday, Friday, Saturday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Monday, Tuesday, Wednesday.

HOGS.

The market below is a representative basis of good hogs for packers' use.

Table with columns: Dec. 8 to Jan. 11 Inclusive, Re-ceipts, Top Price, Bulk of Sales. Rows: Thursday, Friday, Saturday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Monday, Tuesday, Wednesday.

price offered will be enough less to amply secure any loss from the added stuffage. On this account the bids will invariably be below the real value, for the buyer always wants to have a good margin, and if he errs at all it will be on the safe side. On the other hand cattle gaunted and thin look worse than they really are, and will not command the price they would if moderately filled out, thus presenting a finished appearance.

New Rails for Santa Fe. The Santa Fe railway is rapidly coming into competition not only with the Southern Pacific, for the traffic of California, but with other lines farther east which have had a large share of business on account of shorter mileage. One of the latest moves of the Santa Fe management is to order 15,000 tons of new steel rails. It is proposed to lay new rails on the entire main line with the exception of places where rails of the seventy-two-pound type have been recently laid. The idea is to make the track perfectly safe for trains at highest rate of speed so that the great engines may tell off sixty miles an hour as an ordinary gait.

Hon. F. D. Coburn, Secretary Kansas State Board of Agriculture and author of The Beef Steer, Pork Production and several other valuable works on stock raising and agriculture, will address the Oklahoma Live Stock Association at the annual convention on the evening of February 14th. His subject will be "Some Possibilities" and no one interested in the raising or feeding of live stock can afford to miss hearing Mr. Coburn's address.

Date Claimed for Public Sale:

March 3, 1899—G. Hornaday & Co., Fort Scott, Kan., Herefords. Kansas City, Mo.

When visiting Kansas City, stop at the BLOSSOM HOUSE, Opposite Union Depot,

THOS. KELLY, President and General Manager. THOS. B. LEE, Vice President, Kansas City M'r'r. E. B. OVERSTREET, 2d Vice President, St. Louis M'r'r. JOHN E. WHITE, 3d Vice President, St. Louis M'r'r. CHAS. KELLY, Sec'y and Treas.

SELLERS OF LIVE STOCK. Chicago Live Stock Commission Co. INCORPORATED 1888. Capital Stock and Surplus \$150,000.00. Annual Business \$20,000,000.00. Chicago, St. Louis, Kansas City. J. C. GILLILAND, Solicitor Chicago Office Mangum, Okla. CHICAGO OFFICES: 39-41-43-45 Exchange Building. MONEY ADVANCED ON CATTLE.

RANGE NOTES

From Eastern Oklahoma.

STILLWATER, OKLA., Jan. 12, 1899.
EDITOR LIVE STOCK INSPECTOR,
Woodward, Oklahoma.

DEAR SIR:—The receipt of the first number of the INSPECTOR for the new year has called to mind a pleasant chat with its publisher which I had in August last and a few of the features of the live stock industry of western Oklahoma which I observed during a brief visit at that time. The trainloads of cattle which passed through Woodward on the day that I spent there impressed me more forcibly with the possibilities of "short grass" than anything short of actual experience could have done.

The remarkable growth made by Kaffir corn and sorghum showed that there would be less difficulty in wintering greater numbers of cattle than if dependence had to be placed on grass alone. In the last number of the INSPECTOR reference was made to some losses of range cattle due to shortness of forage during some of the exceptionally cold spells during the past few months. Could this not be prevented or at least diminished by a larger utilization of Kaffir corn and sorghum? Feeding trials and digestion experiments made by the Oklahoma Experiment Station have shown that Kaffir corn is of great value as a crop to be fed as "roughness" for wintering stock cattle and of nearly equal value to corn for fattening. Experiments made in Kansas have shown the same results and it seems that a larger use of Kaffir and sorghum than is now practiced on the ranges would be found profitable. This Station is now making digestion trials of Kaffir, Large Sorghum, Small Sorghum, Black Rice Corn, Milo Maize and Indian Corn fodders grown on measured areas the yield of which was determined. In this way a measure of the relative and absolute feeding value of these crops will be secured and it is planned when possible to extend the work to experiments in wintering under varying conditions. Work of this sort is slow in results that show but it is the constant aim of the work of the Station to be as immediately practical as possible.

A bulletin reporting the results of the dipping experiments made at Noble is now in preparation and will be issued shortly. These experiments are of interest to most of your readers and a copy of the bulletin reporting them will be sent free to all who request it. The Station means to continue its work in studying Texas fever until absolute success or flat failure in its prevention is reached. The results of dipping experiments seem to have been entirely satisfactory as far as killing the ticks is concerned. No cattle died from the effects of the dipping in the experiments conducted by the Station. The results of trials of inoculating northern cattle with blood of southern cattle were unsatisfactory. In most cases they contracted Texas fever and several of them died. It is probable that the cattle that recovered were partially immune, but the apparent inability to control results makes this method of doubtful value.

There are now five students from Woodward county attending the Agricultural and Mechanical College and most of the western counties have one or more representatives. These western boys and girls have a get-up-and-go about them that is refreshing and we want more like them. Send us some more.

If I can be of any use to you or your paper, command me.

Faithfully yours,
JOHN FIELDS.

Notes from the Beaver Range.

BEAVER COUNTY, Jan. 10, 1899.
THE LIVE STOCK INSPECTOR:—Answering your request for information relative to the condition of cattle in this county, I can say that up to this time our losses will barely reach one per cent. The storms during the last

months of the year just closed were unusually severe on stock and there is now quite a percentage of thin cows which will require good weather from now until spring for them to pull through. We have had for the past few weeks continued fine weather and just at present cattle could not do better. If full feeding of roughness should have to be resorted to this will result in a shortage of feed, as the hay crop was a little short and people mostly are holding their feed to use in the early spring. However, in emergencies a little corn or cottonseed will do to tide over with. Much depends on the kind of weather we get between now and March 1st.

There are of course no sales to report but some inquiry is had as to whether or not there will be buyers in the spring for yearling and two-year-old steers. The writer thinks that the shortage, if any, next fall, will be in the big steers, especially if the corn crop turns out well. I see no reason for higher prices on anything else.

The Arizona cowmen report cattle very scarce out there and that no more will be shipped to Kansas. The same thing was said of the Texas drive twenty years ago, but I noticed that the cattle kept coming from that state right along.

I learn that several herds of Old Mexico cows will be unloaded at Dodge City early in the spring. There are already seven thousand head of Arizona cattle around that point being wintered on rough feed. The next summer's cattle market is very hard to guess on just at present. If we knew that money would be easy and cattle paper considered just as good as it has been we might feel a little better. As it is we feel afraid of a spring blizzard on cattle security about the time renewals are in order.

There seems to be a class of commission houses who would rather make a big risky loan than a smaller safe one, and all this hurts the cattle business. It hurts the stockman worse than the commission man. I am forced to think that the latter party does not care much either. Probably a Credit Bureau would be a good thing for both, as fewer and consequently better men would scrutinize the loans and come nearer being right in their judgment than Tom, Dick and Harry.

J. I. C.

KANSAS.

Clark County Clipper:

Will Grimes shipped a trainload of calves to the eastern part of this state to feed, Monday.

Medicine Lodge Cresset:

Among the sales made during the present week are G. W. Hendrickson to Hon. T. M. Potter, of Peabody, Kan., 150 head of 3-year old steers; G. W. Hendrickson to W. M. Ferguson, of Wellington, 150 head of 3-year old steers; Marion Crouse to Hon. T. M. Potter, 223 head of coming 3-year old steers at \$30; Marion Crouse to W. M. Ferguson, 223 coming 3-year old steers at \$30; Sam Stewart to J. M. McClure, of Sadalia, Mo., 225 domestic coming 3-year old steers. Col. C. G. Talianferro also sold some steers to Ferguson, E. Shore and Mr. Warrington sold some to Mr. Potter.

OKLAHOMA.

Kenton News:

Jack Keys has a model winter ranch fifteen miles up the Carrizoso. He is wintering some 300 head of cattle for himself and other parties, and reports them doing fine without any feed, so far.

Lom Lynch returned from Clayton, Saturday. He went over on the Corrompa the fore part of last week to do some work on the roads. The snow was so deep he could not find the roads, which is from 6 inches to 18 inches deep. He says he saw cattle almost starved, and sheep actually dying for want of feed. The snow was encrusted so nothing could graze, and sheep could not travel in it.

Hardesty Herald:

Grey wolves are especially partial to

horse meat. The Cimarron News suggests that they are of French ancestry.

Cow men say this is the severest winter they have ever seen in this country up to the present date. Still there has been very little loss of cattle yet.

Mangum Sun:

Wiley Mudgett, proprietor of the Greer County Hereford Farm at Carmel, was in the city yesterday. He informed us that he had sold all his graded cattle and would hereafter breed only full blood Herefords.

Some More Experience.

Here is another statement floating through the live stock papers, concerning one Tomlinson, an Oklahoma cattleman, who is quoted as follows:

"I had 240 cattle dipped at Wewoka, on the line of the Choctaw railroad. Dipped them on the 3rd of November and reloaded them twenty-four hours after dipping, shipped to Weatherford, Oklahoma, the western terminus of the Choctaw railroad, a short line. When I got there they were all sick and two died. They would not graze at all, nor eat, but stand all humped up. I was nine days moving them fifty-five miles, fed them everything they would eat and they continued to die, and are still dying. I have lost, up to date, something over 40 out of the 240. Have given them every attention that could be given cattle; had the best feed, water, shelter and rye pastures to run on, and still they died. I see in some cases where veterinary surgeons have made examinations. They alleged that the fatality was caused by the cattle being in thin flesh when dipped. That will not stick with a man who has been there. It killed cattle for me that were good beef. The most peculiar thing about it is that wolves will not eat cattle that have died from the effects of the dip. The wolves are very thick here, and out of all that have died since we got here, the wolves have not touched any of them."

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Senator's Hoar's recent statement in the senate that when we raise the stars and stripes in the Phillipines we ought to haul it down from Independence Hall contains material for a whole lot of thinking.—Mo. Valley Farmer.

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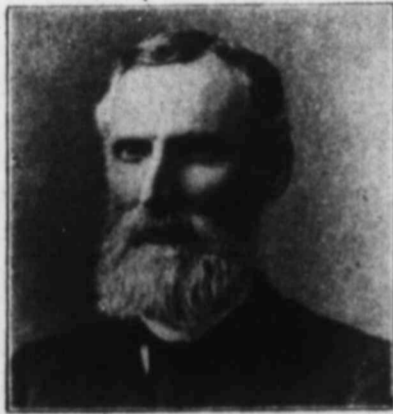
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Raising Calves for Beef Making.
[BY PROF. GEO. E. MORROW.]

THERE is a marked improvement in the cheerfulness and good spirits of beef producers in many parts of the United States. Prices are better and there is increased interest in rearing cattle for beef making. Predictions are unsafe, but there are good reasons for hoping that for a few years we may have fairly satisfactory prices, giving a profit to those who economically rear or cheaply purchase cattle and wisely feed there is much reason to believe that many farmers in the chief corn



and grass states will go back to their former custom of rearing calves instead of depending upon purchasing from the ranges or from other regions. Possibly there may not be so many as formerly of the men with hundreds of cows kept solely to produce a calf each year, but I believe and hope there may be a marked increase in the number of cows kept on many thousands of farms in the central western states; cows which, while they give reasonable profit in the dairy, are capable of producing calves which make good beef carcasses.

CHOICE OF BREEDS.

There are admirable specimens of beef cattle to be found in any one of half a dozen breeds now kept in the United States. I believe that for the past half dozen years the consensus of opinion of intelligent cattlemen would be there have been times when the best animal from a beef standpoint exhibited in public was an Aberdeen Angus, at other times it would be a Hereford, at others a Short Horn. One rarely finds prettier or more attractive beeves than we sometimes see among the Devons, although usually lacking in size. Excellent beef cattle are to be found among the Red Polls and other breeds. But probably for years to come nine-tenths of all the high class beef cattle of the United States will have more or less of the blood of the Shorthorn or Hereford, and I believe most farmers proposing to raise calves to be kept as beef makers will do wisely to select one of these two breeds, although there are circumstances which would make it better to select any one of three or four others. My experience and observation confirm the belief that for the rich soil prairie regions of corn and grass most farmers who desire what we would call double purpose cow will do well to select the Shorthorn or its grades. If I were breeding exclusively for beef, especially on the western ranges, or where very large reliance is to the pasturage rather than grain feeding, my present choice would be the Hereford or its grades.

CHOICE OF INDIVIDUALS.

In many cases there is more difference in the appearance and value of animals of the same breed than between the better specimens of the different beef breeds. My rule and advice for years has been to give the first attention to the individual animal, then to its immediate ancestry, and to attach decreasing importance with each generation backward. Heartily believing in and advocating breeding pure bred cattle, I repeat what I tried to say in the first public address on the subject I ever gave, that it is easily possible to attach an absurd estimate to the value of pedigree and quite too little to the value of individual merit.

There has been a marked change in the ideal fat steer. We do not want him to be so large as formerly; he must not be coarse; we like plump "pony built" animals with well sprung ribs, fully developed quarters, smooth

shoulders, short head, short and rather thick neck, breadth at the chine, well filled crops, but in this matter, as in other lines, there is a possibility of overdoing, especially in the selection of sires. Scale, as well as symmetry and good form, must be considered. Happily, we are attaching less importance not only to different families within breeds and to what is known as "absolute purity," when the cattle are to be bred for beef, but also to color. While a chunky built cow is objectionable, a little excess of length and openness of frame being preferable in the cow rather than securing strong masculine character even with some approach to coarseness.

CARING FOR THE COW.

The successful farmer, whether he keeps the cow to make use of her milk in the dairy or simply to raise her calf, will keep her in fair condition, but not fat. In the summer time the cheapest and best feed is good pasture. In the winter, if practicable, there should be a fair proportion of some succulent feed rather than exclusive grain feed. I believe it better that the cow should be bred so as to produce her first calf at thirty months of age, or thereabouts. For the exclusive beef cattle breeder, spring is perhaps the time for calving. For the farmer who combines dairying with raising calves for beef there are many advantages in having the calf dropped in the fairly early fall, always provided it is well cared for during the first winter.

FEEDING AND CARE OF CALF.

The experiment stations, as well as very many farmers, have shown the easy possibility of producing good animals, where the chief feed of the calves was skim milk, supplemented by meal of different grains and good clover or alfalfa in the winter or good pasture in the summer. It is not possible to produce the highest type of beef animal in this way, but in many cases the balance of profit is with the more cheaply raised animal rather than with his prize winning competitor at the fat stock show.

I do not advise trying to see at how low a cost calves can be raised. I have been looking at some calves for purchase for my Oklahoma farm. One bunch had been reared on skim milk, or in some cases on the whole milk of their dams for a few weeks, and then put on pasture with no other food. The others, which I bought, had suckled their dams until 6 or 7 months old. I am sure my choice was a wise one, but am strongly inclined to believe that there would have been better profit in each case if the one bunch had been better fed, and that more butter had been made from the milk of the dams in the second lot.

I am a great believer in using home grown food so far as this is practical, not slavishly tying oneself to any rule to this effect. The comparative cost of the home grown and purchased food is found incorrectly stated, in that the price of the corn, oats or hay produced on the farm is given not as its worth on the farm, but when delivered at the closest market, while the value of oil meal, bran, or other purchased food as given does not include cost of transportation to the farm. When there is a good supply of skim milk, corn or oats or other grain with good pasture and good hay in the winter, preferably clover or ensilage, there is little reason for the purchase of large quantities of feed of any kind. Science and practice agree as to the great value of skim milk when fed to calves for all purposes save making fat. Corn or corn meal supplements skim milk admirably. As the skim milk is often at low price I would continue to feed it until the calves were at least four months old, if the supply can be had. Of course in winter it should be continued longer than is essential in summer.

Weaning time, or the time of stopping the use of milk, is often the turning point in the probable profitability of the calf. I do not believe it is essential or always profitable to keep the calf fat, but it usually is much worse to allow it to "go back"

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or to become stunted by too sudden change of feed. Many summer calves receive a severe check by being weaned at the time when it is necessary to put them on dry feed upon which they are not accustomed, perhaps compelling them to make their living almost entirely upon hay or even straw. The fall or early winter calves, if well cared for, come to the spring strong and vigorous, and take readily to the pasture.

Experiments under my own direction, as well as those by others, convince me that, as a rule, it is not profitable to continue grain feeding to calves after they are say, six or eight months of age, when they are on good pasture. The same, I believe, holds true of yearlings.

We are more and more approaching the demand for "Baby beef," but I am not yet convinced that the majority of beef growers will not find greater profit in selling their calves at the end of two years of age at least. I am inclined to give thirty months as better minimum than any less age, fully recognizing the fact that young steers of eighteen or twenty months of age often bring good profit. If it be designed to sell at the ages last named, keeping up the grain feed continuously would probably be advisable, but I am confident that this is not usually the case where it is expected to keep the cattle until they are, say three years of age. On his high priced land near London Sir John Lawes has said that he can produce a pound of beef or milk in no other way so cheaply as when the cows obtain their feed in good pasture.

I have spoken of the steer, calf and the fat steer. It is a gratifying fact that there is a lessening disposition to discriminate against the fat heifer in the beef markets. Probably it may be wise to keep the great mass of the best heifer calves produced in the next two or three years for breeding purposes, but I am glad to believe that those who feed fair heifers either as yearlings or two-year-olds will get more nearly their actual and comparative value than has been the rule in the past.

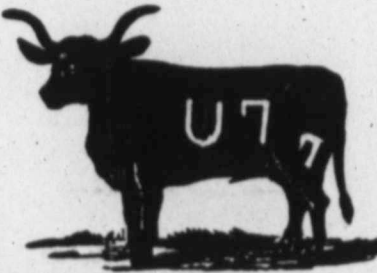
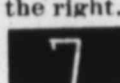
SUMMARY.

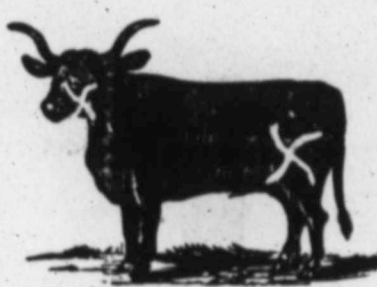

Leaving out of view exclusive beef making cattle herds whether in the central states or on the western ranges I would summarize my suggestions to three farmers out of four in the central western states who propose rearing their calves for beef, as follows: Select the breed that seems to you to best meet the double purpose cow ideal. In my own view it pretty nearly limits the choice to Shorthorns, the Red Polls and the Devons. It is not essential that the cow shall be technically or literally pure bred. Good individuality, coupled with a good recent ancestry is more important than a long pedigree. Use the cow for something else than simply to produce and rear calves. If near a creamery sell your cream to it. If this is not convenient, make butter at home, and it is possible to make as good butter there as in a creamery. If home dairying is chosen it will be wise, as a rule, to have the cows calve in the fall. After calves are ten days or two weeks old, skim milk may make the chief portion of their food, with the addition of corn meal or middlings; if desired, corn or bran may be used later. Let them have good pasture in summer and hay in winter. Keep them growing after they are weaned. High feeding and preparing fully ripened short yearlings for the market is as yet generally less profitable than keeping the cattle until they are twenty-four to thirty months old before selling. Make all use that is practicable of the pasture, and the otherwise waste products of the corn field, and in many cases of the oat field. Feed some oil meal, bran or middlings, but make the chief reliance in fattening our great grain, corn.

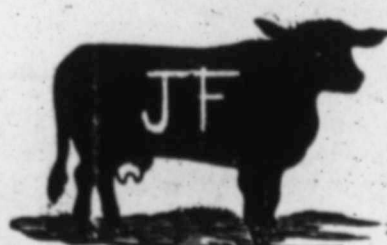
It still remains true that in a good many cases it is more profitable for the beef maker to allow some one else to raise the calves, but this is less generally true than formerly, and there is much less certainty of se-

curing good quality than if we raise the calves for our feeding. Oklahoma Agricultural Experiment Station.—National Rural, Chicago, Ill.

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 Ear mark: Crop the left and swallow-fork the right.
 on left thigh.

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 Range on Clear creek, 35 miles northwest of Woodward.

 The above brand is regularly put on jaw and thigh; but sometimes on jaw, side and thigh; and on cattle having old brands it is put anywhere on left side, either on shoulder, loin or thigh.
 We also have some cows with  on left hip.

J. F. FULLER.
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 On right side or on right hip.
 Horses unbranded. Range same as cattle.

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 Owner and Manager, Wichita, Kansas. **JOE STEINBACH,** foreman, Ashland, Kansas. Range on Cimmaron, headquarters mouth of Snake creek, Clark county, Kansas.


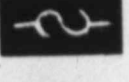
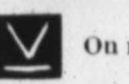
 Other brands,  on left shoulder of horses. Range same as cattle.


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 On both sides.
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 Horse range same.

 Horse brand same as cattle. Mules brand ed 2 on right jaw. Postoffice, Curtis, Oklahoma.



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 Range Woodward county, O. T.
 P. O.—Woodward Oklahoma.



M. A. NATIONS.
 P. O.: Kansas City, Mo. Range: 15 miles N. W. of Woodward on Beaver creek.

 Horses branded plain N on left hip.


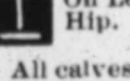
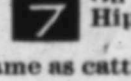
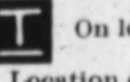
A. H. TANDY.
 P. O. Address, Haskell City, Texas. Range, ten miles north and east of Woodward.

 Brand of horses same on horses as above Range, same as above

A. L. MCPHERSON & SONS.
 P. O. Address, Woodward, Okla. Range, Canadian river northward, including Cottonwood Springs.

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 Brand shown above may be anywhere on animal. Horses. Same as cattle.
 Anywhere on animal.

W. M. BYRD.
 P. O.: Quanah, Tex. Foreman, W. C. Lyon, P. O. Mangum, Okla. Range on North Fork and Haystack, in Greer county.

 Calves are branded on left side and — on left thigh. Ear Marks: Crop the right and over bit the left. Horses: Range same as cattle.

GEO. W. CARR.
 P. O. Address, Stone, O. T. Location of range on Turkey Creek, in Day county.

BRAND OF CATTLE.
 On Left Hip.  On Left Hip.
 All calves are branded same as cattle.
BRAND OF HORSES.
 On left thigh.
 Location of range same as cattle.

CHAS. HEWINS.
 P. O. Address, Woodward, Okla. Range: On North Canadian river, ten miles north of Woodward.

OTHER BRANDS.
 On left shoulder.  On left shoulder.
 Brands same as cattle.

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 Real Estate Agent, Hardesty, Oklahoma
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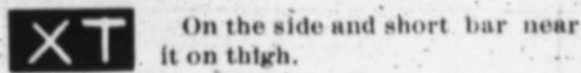
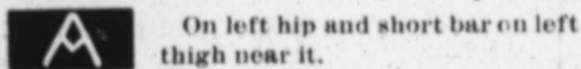
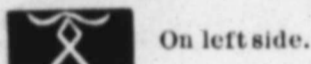
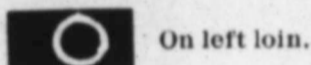
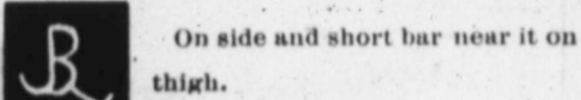


P. O. Address, Woodward, Oklahoma.

Range, ten miles north and east of Woodward.



Other brands:



HORSE BRANDS:

Bar Z on left shoulder, or N I K on right hip. Range, same as above.

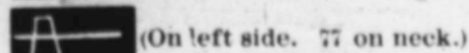
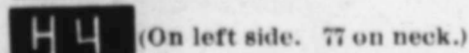
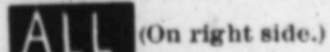
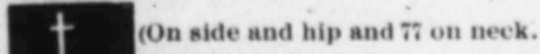
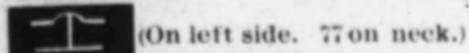
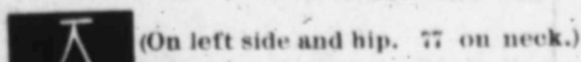
E. R. CLAUNCH.



P. O. address, Woodward, Ok.

Range: 12 miles north of Woodward on Bent canon.

Ear mark: Swallow fork the right and underlope the left.



Range, same as above.

S. C. WANE.



Post-office Address, Richmond, Oklahoma.

Mark, slit in left ear.

Range on Deep Creek.

Horse brand same as above, also same range.

J. P. CAMPBELL.

P. O. Address, Ashland, Kansas. Range, Northeast portion of Clark county



Some cattle — on left side.

All cattle **C** on left thigh.

Horse brand J C left shoulder.

H. C. GREER.



P. O. address, Woodward, Okla. Range, 5 miles southwest of Woodward on head of Spring creek.

Some are branded same on left hip and back.

ZT On right hip and side.

Horses are branded horizontal — on left thigh. Range same as cattle.

E. M. HEWINS.



P. O. Address, Woodward, Okla.

Range, on North Canadian river, ten miles north of Woodward.

Other brands are: X on left side, and some are branded with a cross on right side.

HORSE BRAND:

Perpendicular bar on right shoulder of saddle horses. Stock horses are branded cross H on left shoulder. Range, same as described above.

B. F. MAIN.



P. O. — Cline, Okla. Range: On Beaver, eight miles east of Cline.

Also, some cattle are branded S I D. Horses unbranded. Range same as cattle.

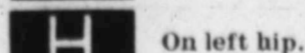
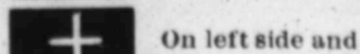
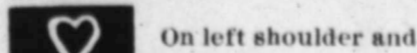
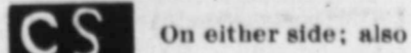
S. B. JONES.



P. O. Address, Higgins Texas.

Range, in Texas and Oklahoma, near Higgins.

Other are:



HORSE BRANDS:



Also heart on left hip

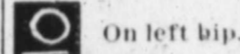
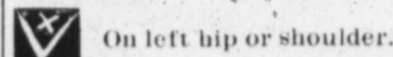
Range, same as above.

OTHER BRANDS:

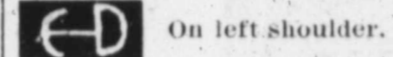


10 on left side.

18 on left hip.



HORSE BRANDS:



JACK LOVE.

P. O. address, Woodward, Okla. Range, 20 miles north of Woodward on Buffalo.



Other cattle are branded **7** on left hip.



Other brands are **HP** on left shoulder.

Range: Same as cattle.

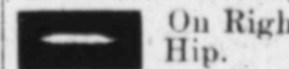
W. B. GRIMES, JR.



Range in Clark, Meade and Comanche counties.

P. O. Address, Ashland, Kansas.

OTHER BRANDS:



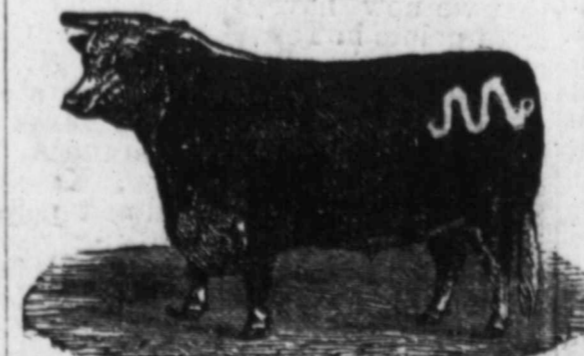
Horse range same as cattle.

T. C. SHOEMAKER.

CHAS. F. LUKENS, Foreman. P. O. Address, 1416 Linwood Ave., Kansas City, Mo. Ranch address, Dorsey, New Mexico. Range, head of Beaver, in Beaver Co., Okla.



ZACK MULHALL, Mulhall, Okla.



All Steers and Horses branded on right hip or loin same as above. Location of Ranch: Joining Mulhall on Bayer and Cedar creeks.

O'BRYAN & HEWINS.



P. O. Address: Woodward, Okla. Location of Range: Woodward county.

ROURKE & NEELIGAN.



P. O. Waynoka, Oklahoma. Range fifteen miles west of Waynoka, or White Horse Creek.

EAR MARKS: Under bit the left, and swallow fork the right.

ISHMAEL & RUDOLPH.



P. O. Kiowa, Kus.

Range on Buffalo, in Woodward county.

EAR MARKS: crop and split left. Horses: branded heart on left shoulder.

F. D. WEBSTER.



P. O. Address, Gage Oklahoma.

Range, on Little Wolf east and south of Gage.

F On left jaw of all young stock.

JAMES CUSHNY.

Post Office, Waynoka, Okla. Range, 12 miles west, on Doe Creek.



Some cattle are branded anchor on left hip. Horses, range same as cattle.

J. S. SCOTT.



P. O. address, Gyp, Okla.

Location of Range, West Burnett Creek G county.

Horses are branded Star on either shoulder. Range, same as cattle.

TRANSIT HOUSE,

UNION STOCK YAR S, CHICAGO, . . .

BOARD, WITH ECGM, \$2.00 PER DAY,

L. E. HOWARD, MANAGER.

ROOMS, 50c, 75c and \$1.00 per day.

Electric Cars pass the House on Halsted Street, without change direct to the Post-Office and City Hall, on Clark Street.

These Cars also go very near the Nickel Plate, Wisconsin Central, Polk Street and Lake Shore & Rock Island depots, and connects with cars for all other depots.

Also go very near all the Principal Theatres.

Take Wallace and Halsted Street Cars.