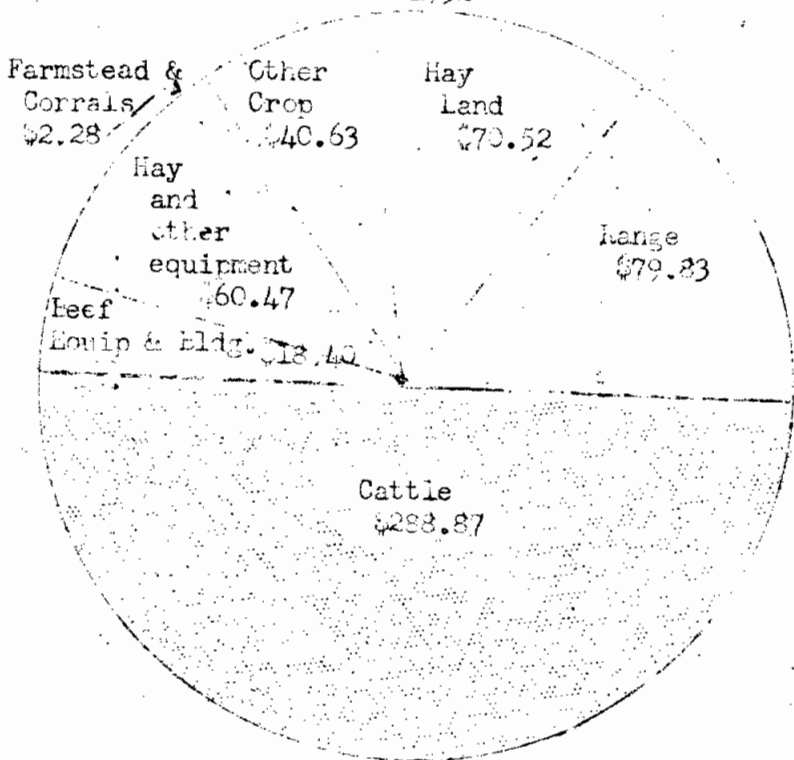


of Reed

MODOC BEEF STUDY

A Summary of four
Beef Cattle Operations for
1952



INVESTMENT PER COW ON FOUR RANCHES \$560.34

by

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MODOC BEEF STUDY 1952

This study covers the operations of four cattle ranches for 1952. Three of the ranches sold yearlings and the other sold calves. These ranches had a total of 1206 breeding cows for the calving season. Two of the ranches had grain and other livestock enterprises in addition to the beef.

INVESTMENT PER COW

Range - 7.0 Acres	79.43
Hay Land - 1.3 Acres	70.52
Other Crop Land - 6 Acres	40.63
Farmstead, corrals, etc.	<u>2.28</u>
Total land	192.86
Cattle	288.87
Leef Equipment & buildings	18.14
Hay & other equipment	<u>60.47</u>
Total investment	560.34

These investments are based on the following valuations:

Range land - \$10 to \$15 per acre

Hay and Crop land - \$50 to \$75 per acre

Cattle - cows \$150 - \$200 each with other stock in proportion.

Equipment - present depreciated value or half the original cost.

These values are not representative of what it would cost to buy a cattle ranch. These ranches earned \$42.85 capitol income per cow which would be a 5% return on \$857.

FEED PRODUCTION

Successful ranching in this area depends on providing a year around supply of economical feed during each season of the year. All four ranches had Taylor grazing and/or Forest Service permits. Practically all the hay fed was produced on the ranches. One ranch had extra hay which was sold.

FEED CONSUMPTION

	<u>Per Cow</u>	<u>Per Animal Unit</u>
Hay - Tons	2.5	1.4
Grain & cake - lbs.	123	70
Rented Range - anm.	6.1	3.5
Owned Range - acres	7.0	4.0
Aftermath Pasture	2.0	1.1

COST OF HAY PRODUCTION

These four ranches had a total of 1626 acres of hay which averaged 1.9 tons per acre. Yields varied from 1.1 to 2.4 tons per acre. The cost of production averaged \$29.07 per acre or \$15.31 per ton. These costs include labor, supplies, hauling, taxes, equipment, interest and depreciation. The costs per ton on these four ranches varied from \$13.35 to \$17.46.

These four ranches had a total of 8,438 acres of owned range which had an average cost of \$1.10 per acre. These costs include fence repair, seeding, taxes, interest & some other operating costs. The costs on the individual ranches varied from .16 to \$1.55 per acre.

Four acres of owned range was used per animal unit or a total cost of \$4.40 per animal unit. The animals got about 2.9 animal unit months grazing from this range which gives a cost of \$1.52 per A.U.M.

SUMMARY OF RESULTS

A summary of the results on each ranch are given briefly on the next page.

Briefly the results show:

77 per cent calf crop.

3 per cent death loss.

\$20.38 per cwt. cost of producing beef.

\$14.83 Management Income or Net Profit per cow.

\$56.45 Farm Income per cow.

SUMMARY - LODOC BEEF STUDY - 1952

Ranch Number	6	5	11	8	Avg.
No. Cows	496	388	87	235	302
A.U. per cow	1.9	1.9	1.5	1.4	1.8
% Calf Crop	82	73	76	72	77
Lbs. Produced per Cow	652	399	645	417	525
% Died	-	15	-	9	3
Per cwt. produced					
Av. value	24.60	29.19	16.27	14.16	23.36
Net cost	16.49	27.43	16.06	24.58	20.38
Mgt. Income	8.11	1.76	.21	10.42	2.98

Month sales made Sept. May-Aug. Dec. Dec. -

Income per cow

Stock sales	164.25	122.79	53.50	44.78	119.64
Misc.	1.26	.59	20.57	-6.62	.91
Change Stock Inv.	3.24	3.41	57.01	18.15	10.08
Total	168.75	126.79	131.03	56.31	130.63

Expense per cow

Feed	53.14	64.70	54.33	49.83	55.34
Labor	11.09	8.65	13.46	8.51	9.97
Misc. cash	28.76	20.61	26.14	25.39	25.30
Depreciation	1.39	.94	10.03	.11	3.62
Interest	16.48	15.21	19.71	12.08	15.45
Stock bought	6.95	9.66	5.58	3.83	7.12
Total	117.82	119.77	129.25	99.80	115.80
Management Income	50.93	7.02	1.33	43.49	14.83
Farm Income	91.99	42.20	87.00	56.40	56.45

Management Income is Total Income minus Expense

Farm Income is Total Income minus Cash & Depreciation

Expenses. Farm Income shown above is for the entire ranch not just beef enterprises.

Cash expense per

annual 34.00 31.00 41.00 45.00 34.50