

Animal Husbandry  
Beef

J. D. Ranch - Madoc County

October, 1960

**Summary:**

The data presented in this report must be considered as working material only and not as final determinations. The complexity and variety of the operation make it difficult to adequately measure the feed producing ability and the possibility of using some of the feed in several ways introduces a further complication.

This ranch carried 545 cows in 1960 but the feed producing capacity would indicate the possibility of carrying 750 head or more with their present program of selling yearlings. The ranch could carry at least 1,000 head of cows with a program of selling calves but the economic potential does not appear to be as great as with the present selling program.

<u>Cattle count - 1960</u>	<u>Jan. 1</u>	<u>Grand</u>
Bulls	50	595
Cows	542	
Calves	55	35
Weaner heifers	234	
" steers	232	
Replacement heifers	65	80
Yearling "		187
" steers	0	260

<u>Land - Acres</u>	<u>Hay</u>	<u>Meadow</u>	<u>Range</u>	<u>Taylor Grazing</u>	<u>Total</u>
Hume place	630	80	640		
Centrall Meadow	80	(80)			80
Corty Field			1,000		
Shields Creek		185	2,815		3,000
Fitslough Creek		85	175		200
Hanks Jim		200	1,200		1,400
Durvin Meadow		90	360		450
Thomas	160	800			960
Brown Ranch	160		2,840	600	3,600

Grazing Rights

Forest Service

Need

AIM

860

1680

Taylor grazing

Apr. 1 - May 31

816

1632

June 1 - June 30

691

691

July 1 - Sept. 30

301

903

Oct. 1 - Oct. 31

101

101

Total Taylor

3327

Hay production 1960

Centrall Meadow

Acres  
80

2.0

Tons  
160

Thomas

160

1 3/4

280

Hume place

630

2.0

1260

Brown

160

2.0

320

1030

@ 2.0 tons

2060 tons

Monthly cattle count 1960

	Bulls	Cows	Calves	Wanner Heifers	Yrl. Heifers	Wanner Steers	Yrl. Steers	Regl. Heifers
Jan.	90	542	55	234		232		65
Feb.	90	542		234		232		
Mar.	90	542		234		232		
Apr.	90	545			187		275	80
May	90	545			187		275	80
June	90	545			187		275	80
July	90	545			187		275	80
Aug.	90	545			187		275	80
Sept.	90	545			-		45	80
Oct.	90	545					45	80
Nov.	90	545					45	80
Dec.	90	545					45	80

Sales 1960

Heifers	157	• 633 lb.
Heifers	30	• 693 lb.
	<hr/> 187	
Steers	80	• 693 lb.
Steers	150	• 793 lb.
	<hr/> 230	
	<hr/> 417	
<b>Total sales</b>		

Grazing by Fields - 1960

		<u>AIM</u>
Home place		
60 (haifers steers (693#))	Apr. 20 - Aug. 20 4 mo.	150
960 cows & bulls	May - June 15	<u>960</u>
		710
Darvin 100 acres		
86 hd. haifers (633#)	Range May Meadow June 1 - Aug. 20	45 <u>180</u>
80 repl. haifers	Sept. 1 - Oct. 15	<u>90</u>
		255
Shields Creek $\frac{2615}{3500}$ " range, 185 acres meadow range May		35
71 hd. haifers (633#) Meadow June - Aug. 20		95
(50 - 693#) Range May		25
200 hd. steers (150 - 793#) Meadow June 1 - Aug. 20		<u>3450</u>
35 hd. cows & calves	May - Oct 15	190
200 hd. " "	Sept. 15 - Oct. 15	<u>200</u>
		3995
Morris Place - (rented)		
45 hd. steers		125
Corby Field - 1000 acres		
80 repl. haifers	June 1 - July 1	60
Yankoo Jim - 200 acres meadow, 1200 acres range		
80 repl. haifers	July 1 - Sept. 1	180
280 cows & calves	Sept. 15 - Oct. 15	280
Forest Service 560 hd.		1680
Taylor Grazing		755
Aftermath		675
Unaccounted		
115 cows	Sept. 15 - Oct. 15	<u>115</u>
		8770

The following grazing was reported for 1960 but can not be accounted for in the grazing pattern or cattle counts.

Brown ranch	2,840 acres range - 160 acres hay meadow 60 acres Taylor Grazing		<u>AIM</u>
	86 hd. steers June - Aug. 3 mo.		155
	200 hd. cows & calves June - Dec. 6 mo.		<u>1200</u>
			<u>1355</u>
Thomas ranch	160 acres hay meadow 800 acres range		
	100 hd. Mar. - Apr. 2 mo.		100
	60 hd. " " 2 mo.		<u>60</u>
			<u>160</u>

#### Grazing by type of stock

Cows & bulls	595 hd.		<u>AIM</u>
		<u>Head</u>	
Apr.		595	Taylor Grazing 995
May - June 15		560	Home Place 560
May - Oct. 15		35	Schields Creek 190
June 15 - Sept 15		560	Forest Service 1680
Sept. 15 - Oct. 15		280	Yankee Jim 280
		115	Unaccounted 115
		200	Schields Creek 200
Oct. 15 - Nov. 15		595	Aftermath <u>595</u>
			<u>4215</u>

#### Elk

Apr. 20 - Aug. 20	30	693#	Home Pasture	75
May	86		Durvin Range	45
May	71		Schield Creek	35
June 1 - Aug. 20	86	633#	" Meadow	180
June 1 - Aug. 20	71	633#	Schield Creek	<u>95</u>
				<u>370</u>

**Steers**

Apr. 20 - Aug. 20	30	693 $\frac{1}{2}$	Home Pasture	75
May 1 - Aug. 20	50	693 $\frac{1}{2}$	Schild Creek	3475
	150	793	" "	
May 1 - Oct. 15	45		Morris (rented)	125
				<u>3675</u>

**Replacement heifers 80 hd.**

Apr. 1 - May 31			Taylor grazing	160
June 1 - June 30			Corby Field	60
July 1 - Aug. 31			Yankee Jim	120
Sept. 1 - Oct. 15			Darvin	90
Oct. 15 - Nov. 15			Aftermath	80
				<u>510</u>
				<u>8770</u>

**Summary of Grazing 1960**

Taylor grazing	755	acres
Forest service	1680	"
Range	1030	"
Meadow	4390	"
Rented	125	"
Unaccounted	115	"
Aftermath	675	"
	<u>8770</u>	

**Potential Production**

Taylor grazing	3327
Forest Service	1680
Range - Home place	750
Yankee Jim	200
Darvin	50
Brown Ranch	1500
Schild's creek	60
Corby field	60
Thomas Ranch	160
	<u>8700</u>

Meadow - Durvin	225	
Schilds creek	3050	
Yukoo Jim	400	
		<u>7555</u>
Aftermath		<u>920</u>
		16,092

### Comparison of selling methods

Based on an 80% calf crop, 2% mortality, and 20% culling of cows.

Present system selling yearlings 945 cows

#### Income:

Bulls 5 @ 1500	7500 lb. @ 12.50	\$938
Cows 70 @ 1,000	70,000 @ 12.50	8,750
Steers 205 @ 755	154,755 @ 19.50	30,181
Heifers 130 @ 645	83,850 @ 18.00	<u>15,093</u>
	<i>316.105</i>	
	Total income	\$4,962

#### Feed:

Hay 1450 ton @ 18.00	\$26,100	
Grain 46 ton @ 60.00	2,760	
Cake 12 ton @ 80.00	960	
Taylor grazing 755 am (3327 @ .25)	832	
Forest Service 1680 @ 65.00	1,092	
Range 1030 am @ 2.50	2,575	
Meadow 4630 am @ 3.50	16,205	
Aftermath 675 am @ 2.00	<u>1,350</u>	
	Feed cost	\$51,874
	Income above feed	\$3,088

Selling yearlings - 750 cows

## Income

Bulls	8 @ 1500¢	12,000¢ @ 12.50	\$1500
Cows	98 @ 1,000	98,000 @ 12.50	12,250
Steers	285 @ 755	215,175 @ 19.50	41,999
Heifers	180 @ 645	116,100 @ 18.00	<u>20,898</u>
Total income			76,607

## Feed cost

Hay	2000 tons @ \$18		\$36,000
Grain	63 ton @ 60.00		3,780
Calc	16 ton @ 80.00		1,280
Taylor grazing		3327 aum @ 25	832
Forest Service		1680 aum @ 65	1,092
Range		2780 aum @ 2.50	6,950
Meadow		3363 aum @ 3.50	11,770
Aftermath		990 @ 2.00	<u>1,980</u>
Total feed			\$63,604
Net above feed			13,003

3992 aum meadow not used



Selling calves 1,000 cows**Income**

Bulls	10 @ 1500	15,000/ @ \$12.50	\$1875
Cows	130 @ 1000	130,000/ @ 12.50	16,250
Steers	400 @ 420	168,000/ @ 21.00	35,280
Heifers	250 @ 400	100,000 @ 18.00	<u>18,000</u>
<b>Total Income</b>			<b>\$71,405</b>

**Feed cost**

Hay	2000 ton @ \$18.00	\$36,000
Grain	21 ton @ \$60	1,260
Cake	5 ton @ 80	400
Taylor grazing	3327 am @ 25	832
Forest Service	1680 " @ .65	1,092
Range	2780 " @ 2.50	6,950
Meadow	5300 " @ 3.50	20,300
Aftermath	950 " @ 2.00	<u>1,900</u>
<b>Total feed</b>		<b>\$68,734</b>
<b>Income above feed</b>		<b>\$2,671</b>